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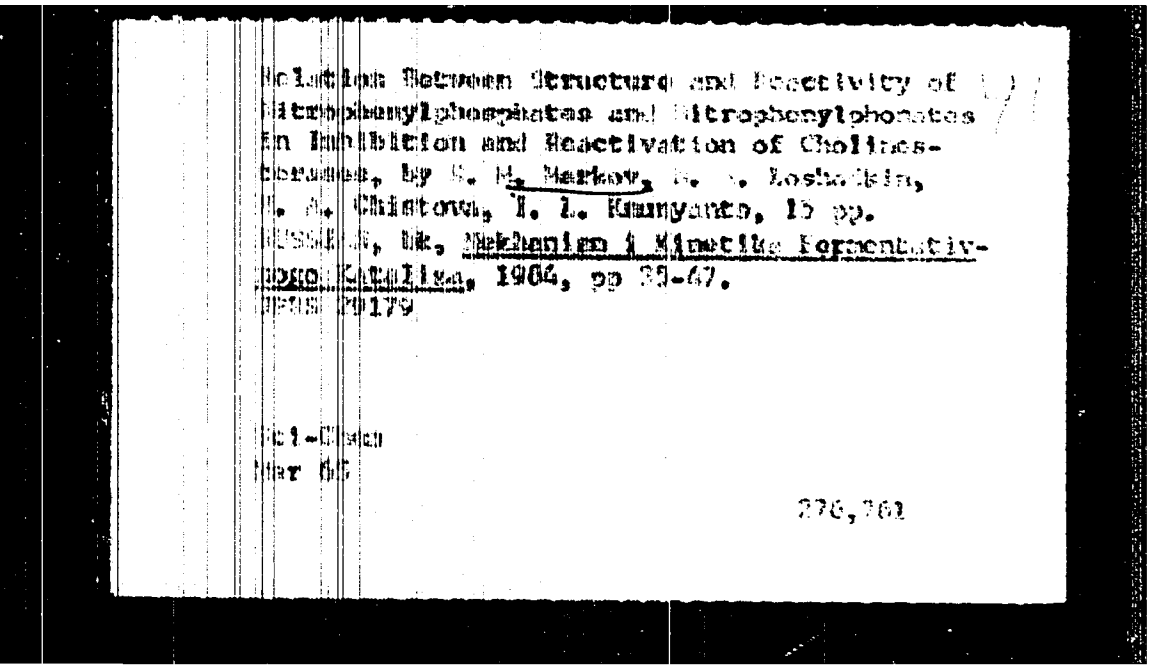


Relation Between Structure and Reactivity of Nitrophenylphosphates and Nitrophenylphosphonates in Inhibition and Reactivation of Cholinesterases, by S. N. Markov, N. V. Loshkin, N. A. Chistova, I. I. Kunyants, 15 pp. Moscow, Mk, Mekhanizm i Kinetika Fermentativnogo Katalisa, 1964, pp 39-47. USSR/20179

Biol-Chem
Mar 65

276,761

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Changes in the Structure, Degree of Dispersion and Yield Value of Peats as the Results of Complete Freezing, by M. P. Volarovich, K. F. Gusev, S. M. Markov, V. P. Tropin, 4 pp.

RUSSIAN, per, Kolloid Zhur, Vol XIX, No 4, 1957, pp 400-403.

Consultants Bureau

Sci - Chem

Jan 59

79,453

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Study of the Kinetics of the Reaction Between True Cholin Esterase of Erythrocytes and Phosphor-Organic Compounds, by S. M. Markov, N. A. Loshadkin, A. M. Ramzhayev, 4 pp.

RUSSIAN, per, Zhur Vses Khim Obshch imeni D. I. Mendeleyeva, Vol. VI, No 3, 1961, pp 357-358.

JPRS 11921

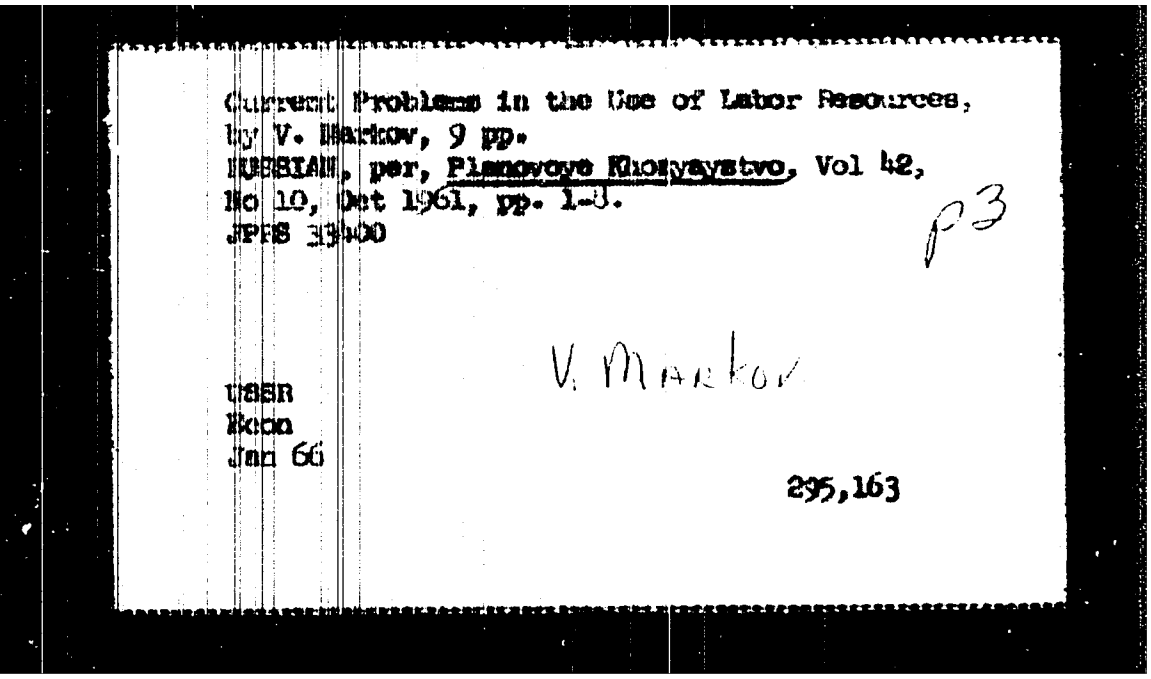
Sci - Chem

180, 953

Feb 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Current Problems in the Use of Labor Resources,
by V. Markov, 9 pp.
[illegible], per, Planovoye Khozyaystvo, Vol 42,
No 10, Oct 1961, pp. 1-3.
JPRS 33400

p3

V. Markov

USSR
Econ
Jan 66

295,163

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Alkylation of Arenesulfenides by 2-Butanol, by
S. I. Burmistrova, V. I. Markov, 8 pp

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 9
1961, pp 2941-2942.

CB

Sci
Oct 62

214,622

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

New Features in Organizing the Material Stimulation of Technical Progress, by V. Markov, 6 pp.

RUSSIAN, per, Plan Khoz, No 6, 1960.

Interntl Arts & Sci Press
Problems of Economics
Vol III, No 10

150,631

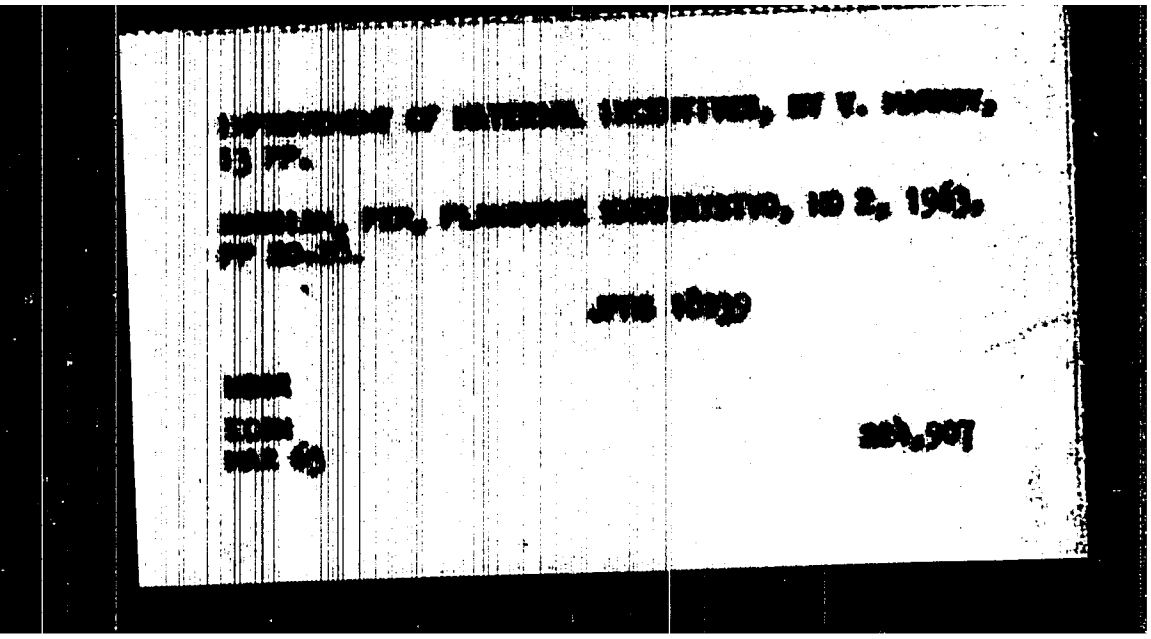
USSR

Econ

May 61

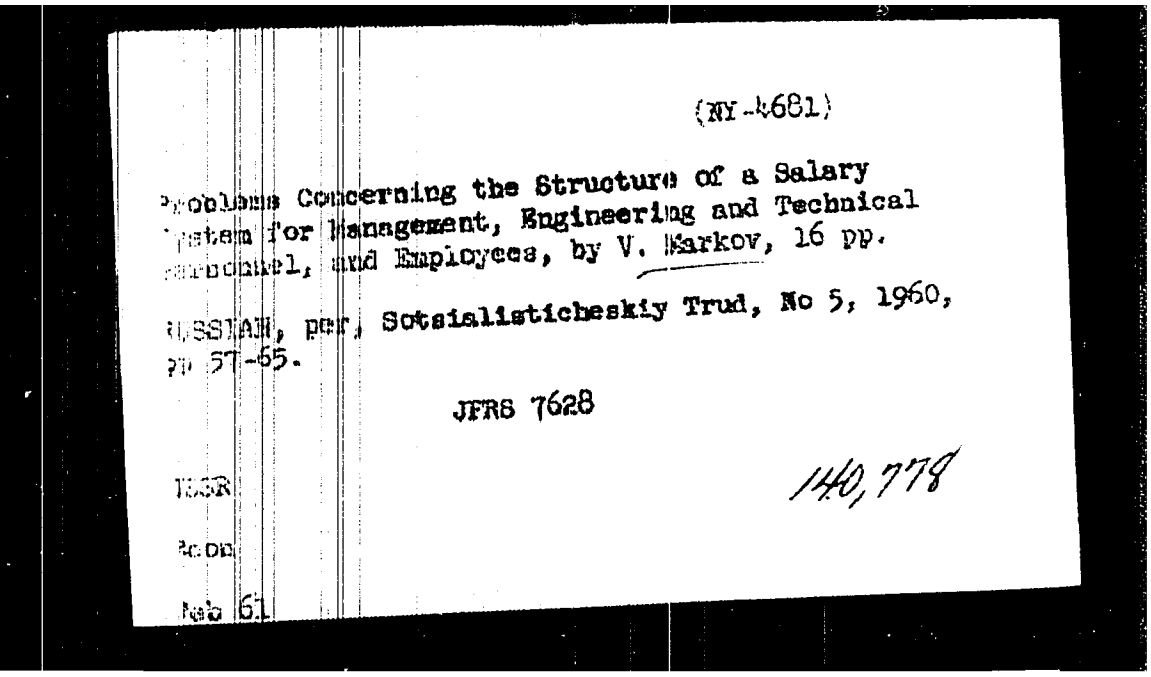
APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



(NY-4681)

Problems Concerning the Structure of a Salary System for Management, Engineering and Technical Personnel, and Employees, by V. Markov, 16 pp.

RUSSIAN, per, Sotsialisticheskiy Trud, No 5, 1960, pp 57-65.

JPRS 7628

140,778

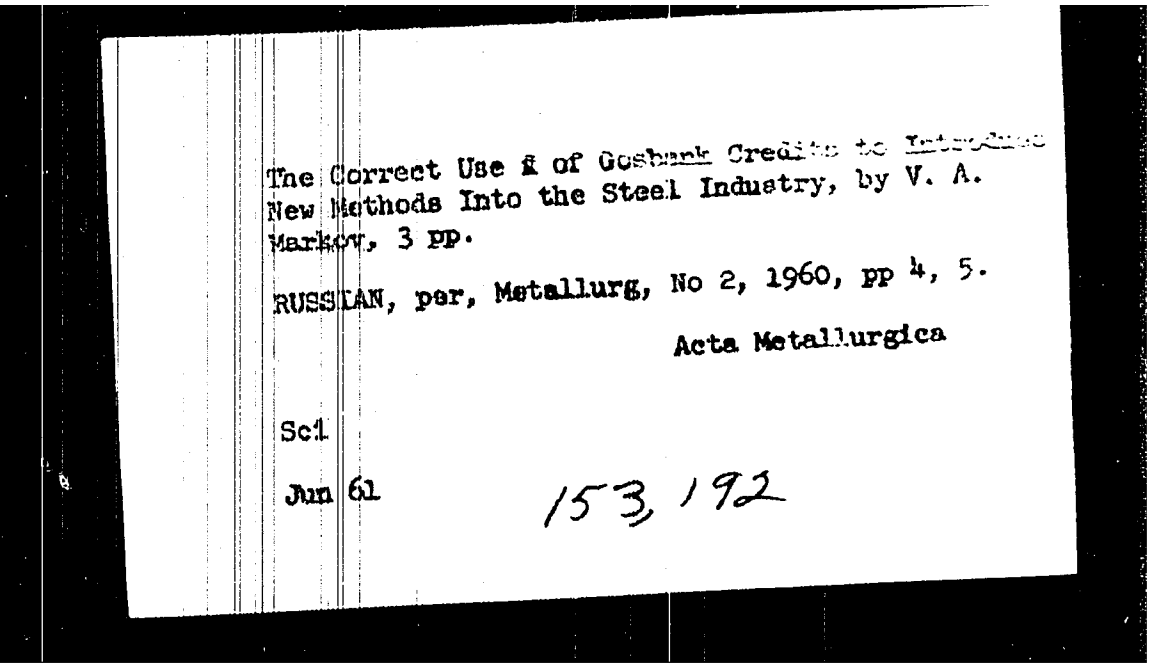
USSR

Econ

Feb 61

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



The Correct Use of Gosbank Credits to Introduce New Methods Into the Steel Industry, by V. A. Markov, 3 pp.

RUSSIAN, per, Metallurg, No 2, 1960, pp 4, 5.

Acta Metallurgica

Sc1

Jun 61

153, 192

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

(DC-4670)

New Regulated Selenium Rectifiers of the VBS-51 Series, by V. A. Markov, V. A. Fursov, 11 pp.

RUSSIAN, per, Vestnik Svyazi, No 10, 1952, pp 12-15.

JPRS 6809

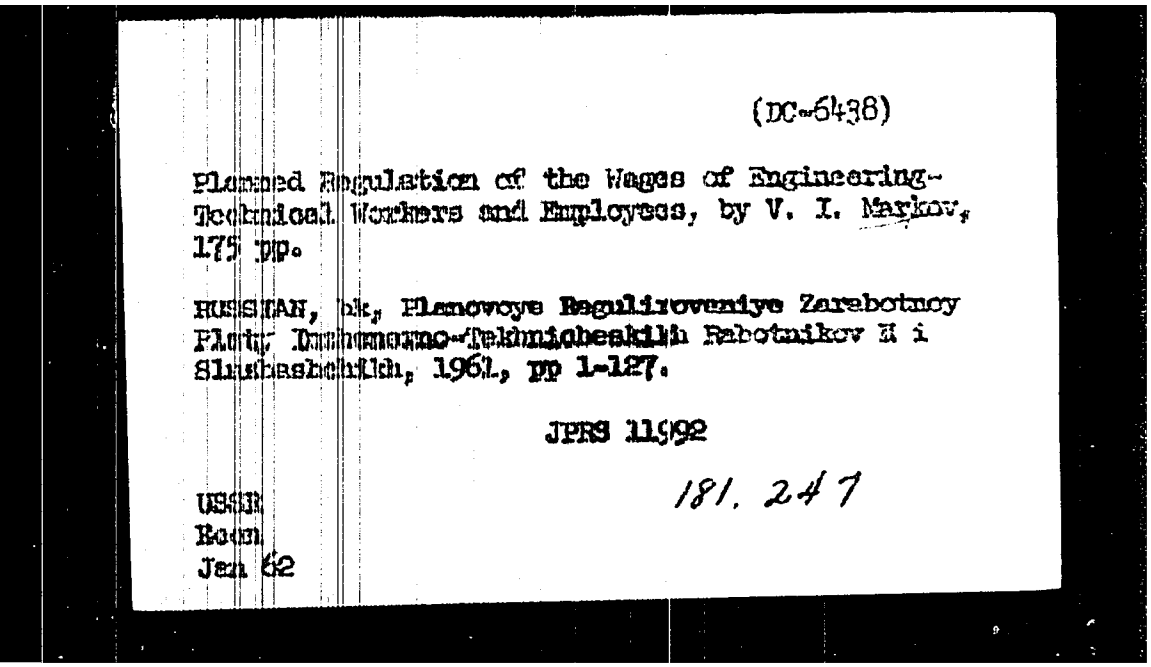
Sci

Apr 61

145,272

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



(DC-6438)

Planned Regulation of the Wages of Engineering-Technical Workers and Employees, by V. I. Markov, 175 pp.

RUSSIAN, bk, Planovoye Regulirovaniye Zarabotnoy Platy Inzhenerno-Tekhnicheskikh Rabotnikov i Sluzhashchikh, 1961, pp 1-127.

JPRS 11992

181.247

USSR
Econ
Jan 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

On the Problem of Organization of Treatment of the Burned, by V.I.Markov and N.N.Fomin

RUSSIAN, mo per, Voyenno Med Zhur, No 8, Moscow, Aug 1958, pp 16-18

US JPRS 1030-N

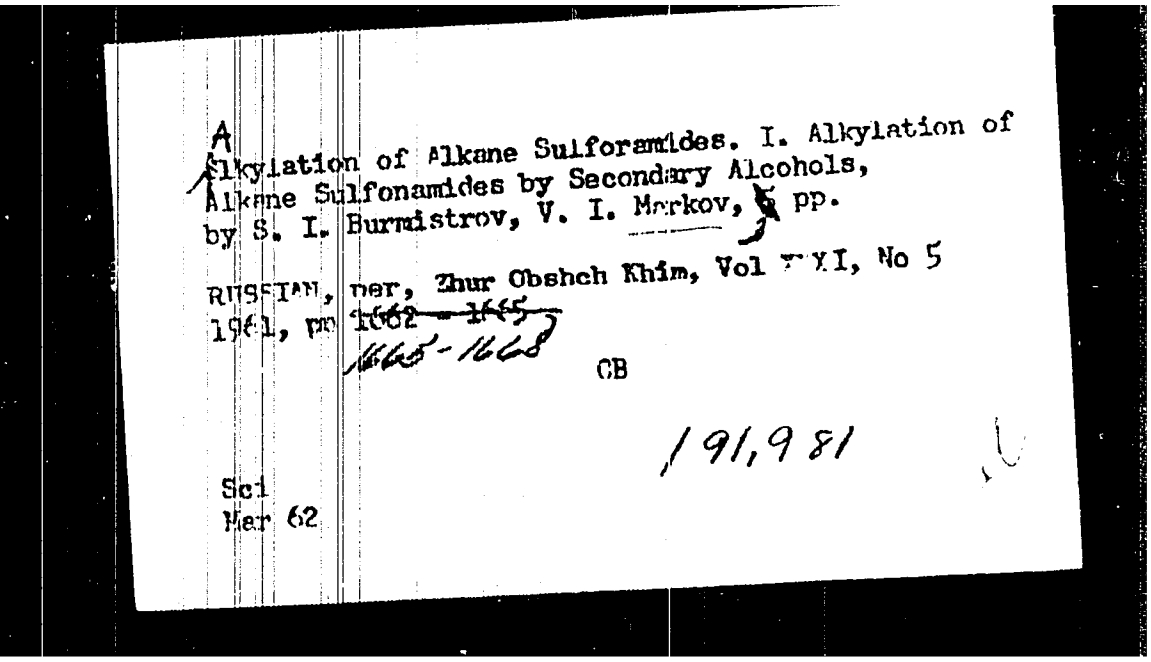
Sci - Med

Dec 58

78,198

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



A
Alkylation of Alkane Sulforamides. I. Alkylation of Alkane Sulfonamides by Secondary Alcohols,
by S. I. Burmistrov, V. I. Markov, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 5
1961, pp ~~1662 - 1665~~
1665-1668

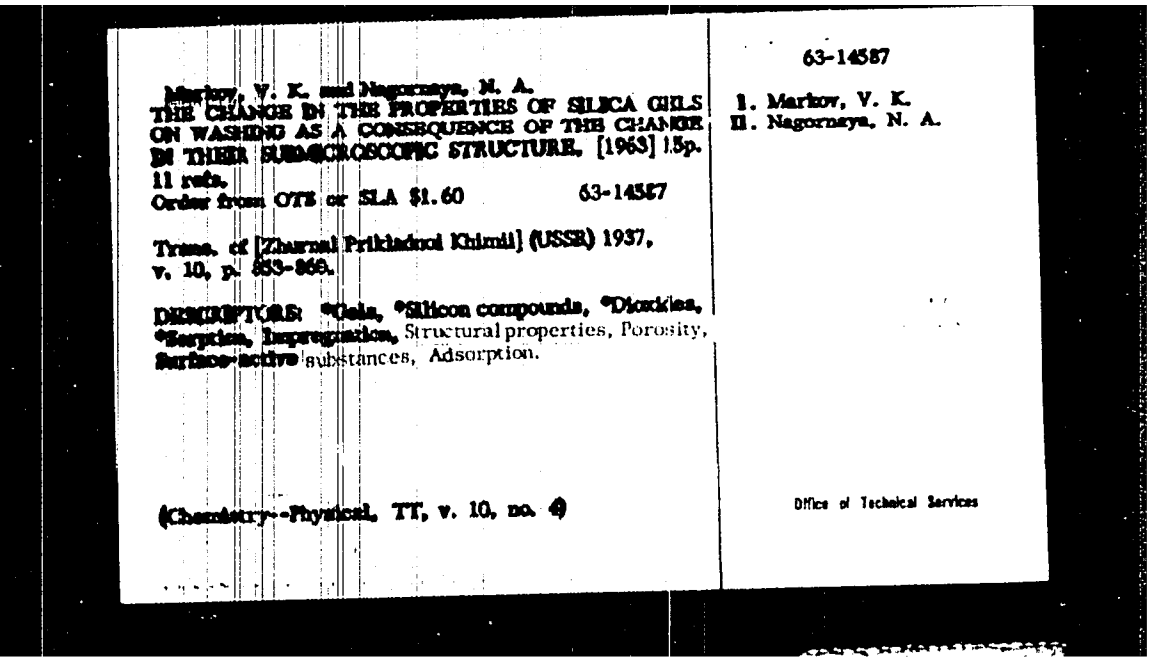
CB

191,981

Sci
Mar 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Markov, V. K. and Nagornaya, N. A.
THE CHANGE IN THE PROPERTIES OF SILICA GELS ON WASHING AS A CONSEQUENCE OF THE CHANGE IN THEIR SUBMICROSCOPIC STRUCTURE. [1963] 15p. 11 refs.
Order from OTS or SLA $1.60 63-14587

Trans. of [Zhurnal Prikladnoi Khimii] (USSR) 1937, v. 10, p. 853-866.

DESCRIPTORS: *Gels, *Silicon compounds, *Dioxides, *Sorption, Impregnation, Structural properties, Porosity, Surface-active substances, Adsorption.

(Chemistry--Physical, TT, v. 10, no. 4)

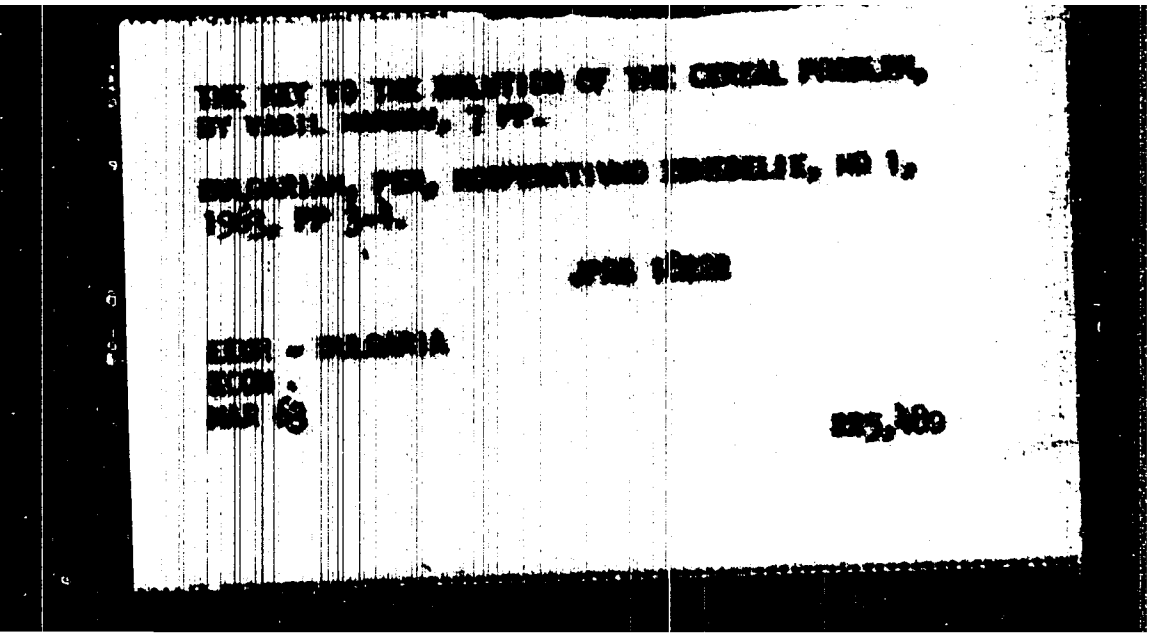
63-14587

I. Markov, V. K.
II. Nagornaya, N. A.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Experiments in Restoring Penicillin-Sensitivity in Staphylococci Resistant to Penicillin, by V. N. Markov, Bardnarov, Popov.

RUSSIAN, per, Zhur Mikrobiol, Epidemiol i Immunobiologii, No 4, 1955, pp 76-82. CIA 9034439

USDA

Sci - Medicine
Feb 59

81,224

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Determination of the molar refraction of some urea compounds of the uranyl ion, by V. P. Markov, I. V. Tsapkina, 1 pp.

RUSSIAN, per. Zhur Neorgan Khim, No 5, 1962, pp 1206-1207.

CS

Sci

Apr 63

233,430

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Oxalatosulphatothiocyanate Compounds of Uranyl /Oxothiocyanatosulphato-oxalatouranates/, by V. P. Markov, T. V. Sergeyeva, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, No 9, 1961, pp 2052-2055.

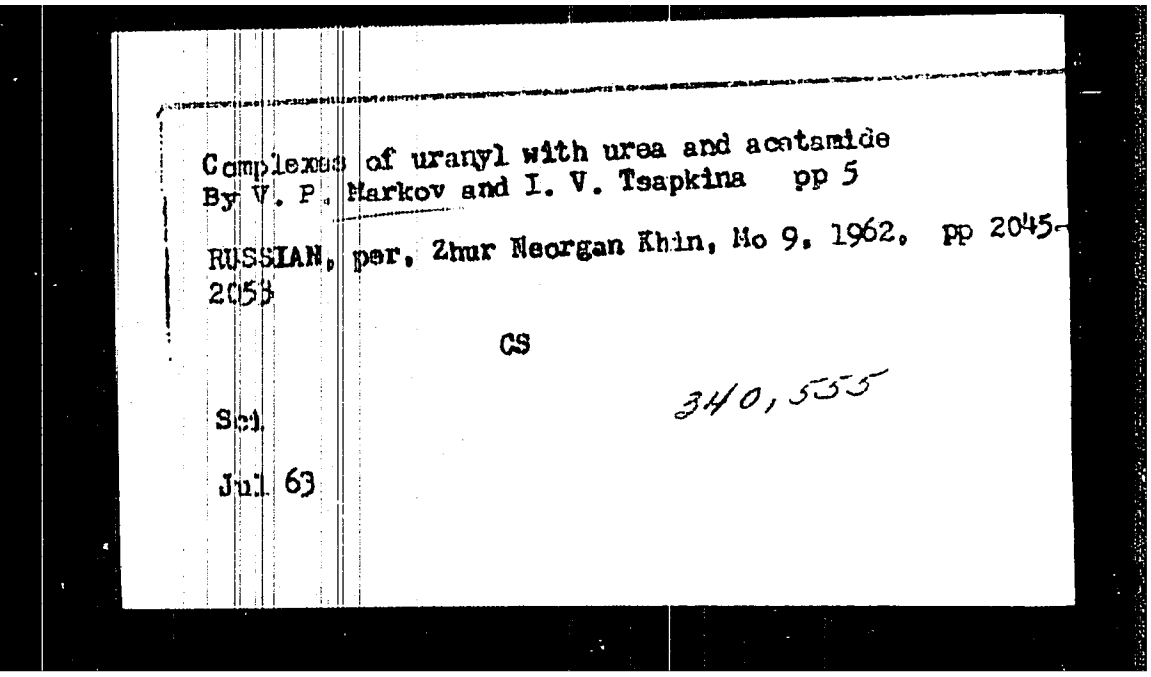
Cleaver-Hume Press Ltd.

Sci
Oct 62

213,561

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Complexes of uranyl with urea and acetamide
By V. P. Markov and I. V. Tsapkina pp 5

RUSSIAN, per. Zhur Neorgan Khim, No 9, 1962, pp 2045-2053

CS

340,555

Sci

Jul 63

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Uranyl Compounds of Trihydroxyglutaric Acid, by V. P. Markov, Z. M. Alikhanova, 4 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol VI, No 5, 1961, pp 1066-1073.

Cleaver-Hume Press Ltd.

Sci

Jul 62 203,074

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

An Experimental Investigation of the Angular Distribution and Polarization of Optical Radiation From Electrons in a Synchrotron, by F. A. Korolev, V. S. Markov, E. M. Akimov, & O. F. Kulinkov, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Phys Sec, Vol CX, No 4, 1956, pp 542-

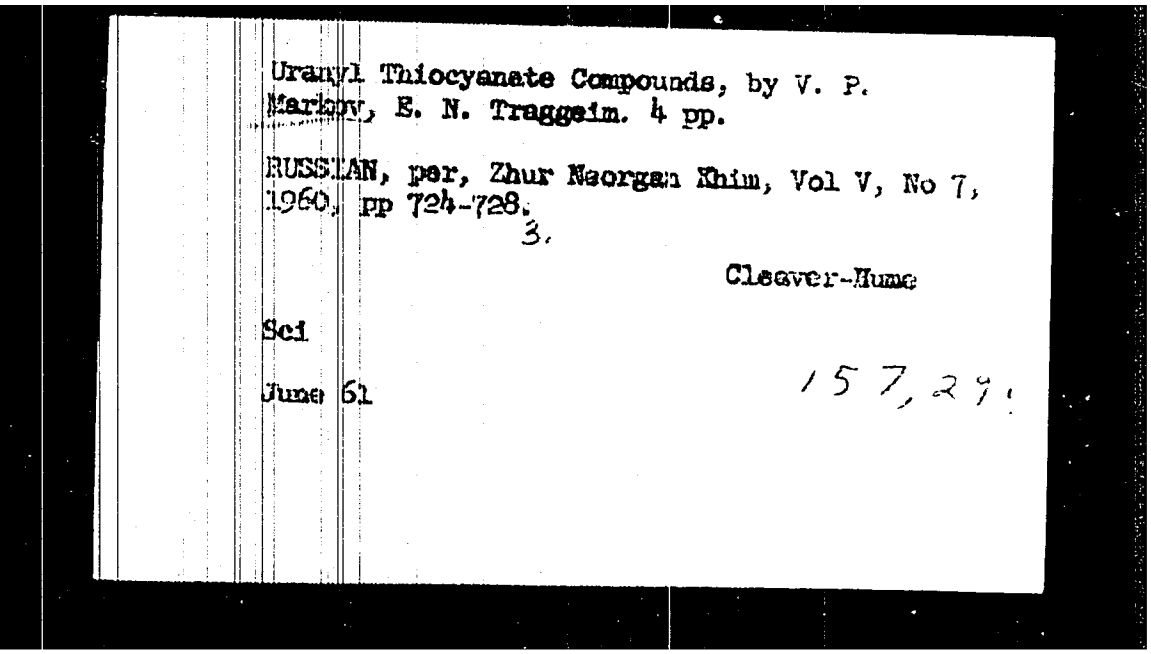
Amer Inst of Phys
Sov. Phys "Doklady"
Vol 1, No 5

51, 354

Sci - Physics
Aug 57

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Uranyl Thiocyanate Compounds, by V. P. Marchov, E. N. Traggeim. 4 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 7, 1960, pp 724-728.

3.

Cleaver-Hume

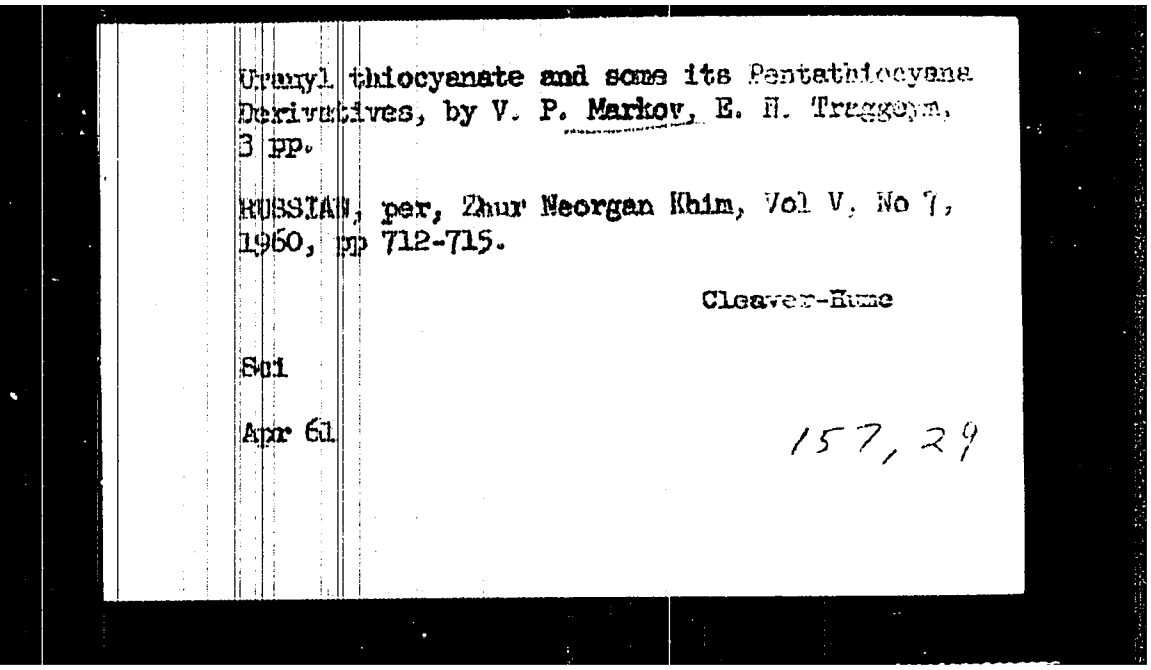
Sci

June 61

157,29!

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Uranyl thiocyanate and some its Pentathiocyane Derivatives, by V. P. Markov, E. N. Tregubova, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 7, 1960, pp 712-715.

Cleaver-Hume

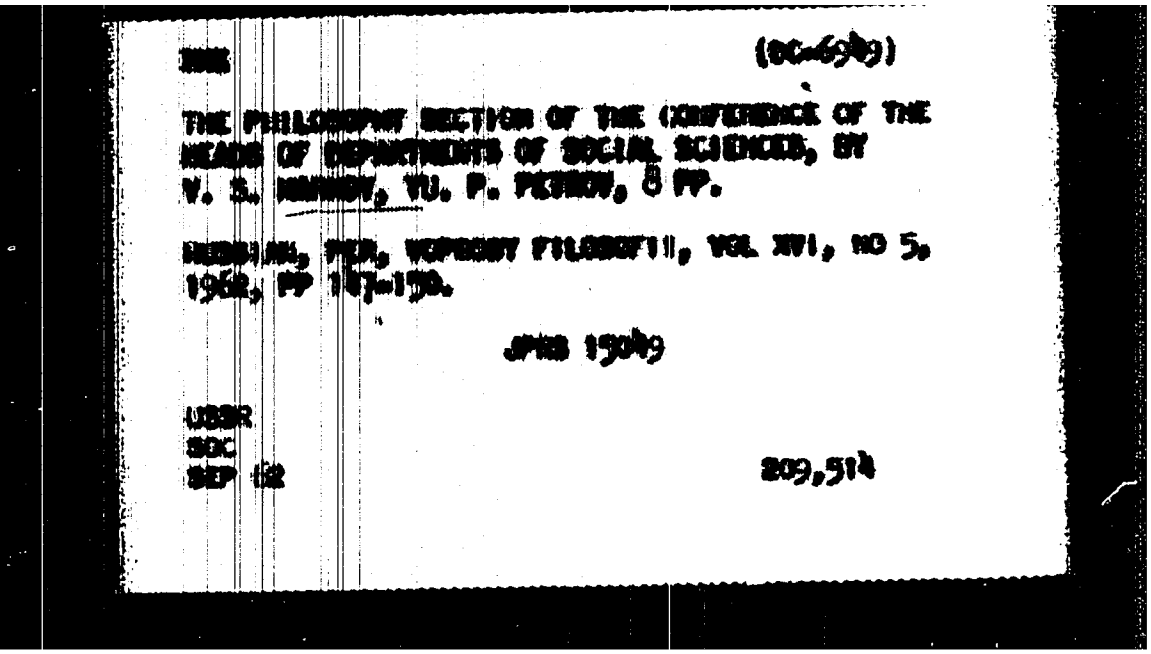
Sci

Apr 61

157, 29

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



(DC-6,9)

THE PHILOSOPHY SECTION OF THE CONFERENCE OF THE HEADS OF DEPARTMENTS OF SOCIAL SCIENCES, BY V. S. [illegible], YU. P. PETROV, 6 PP.

[illegible], VOPROSY FILOSOFII, VOL XVI, NO 5, 1962, PP 167-170.

JPRS 15049

USSR
SOC
SEP 62

209,514

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Production and Application of Cyclic Isomers of Polyisoprene, by V. V. Markov, I. A. Tutorskiy. 65

RUSSIAN, per, Lakok Mat i ikh Prim, No 5, 1964, pp 19-23.

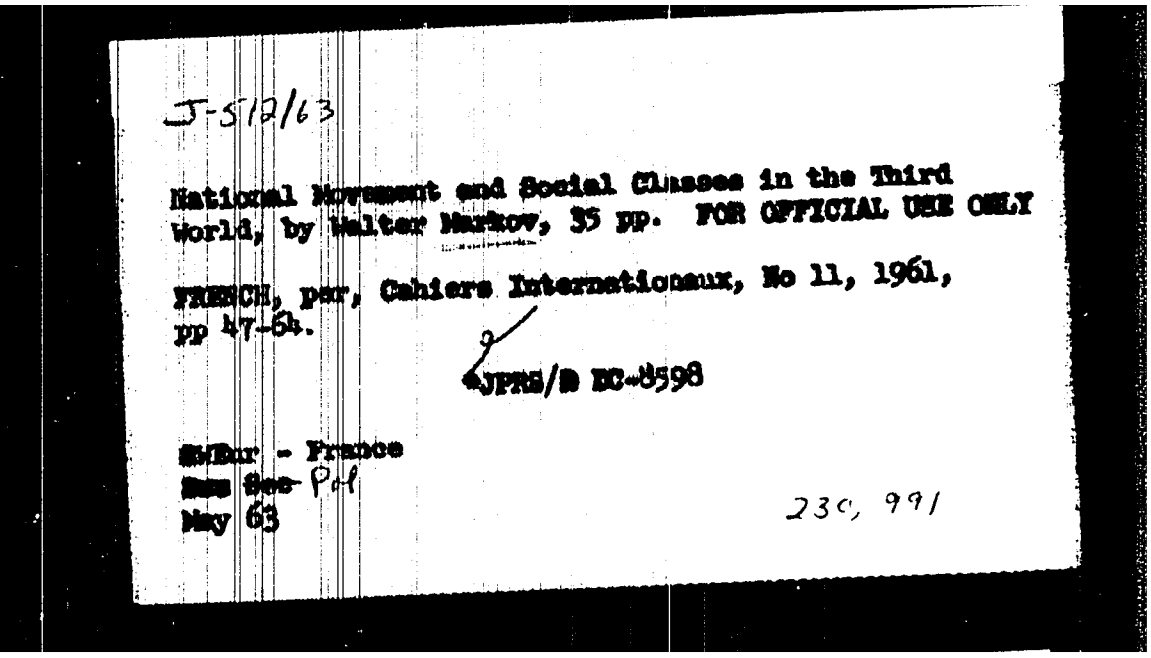
MLL Ref: 9022.49 (16)

Sci-Chem
Oct 69

395,106

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



J-512/63

National Movement and Social Classes in the Third World, by Walter Markov, 35 pp. FOR OFFICIAL USE ONLY

FRENCH, per, Cahiers Internationaux, No 11, 1961, pp 47-54.

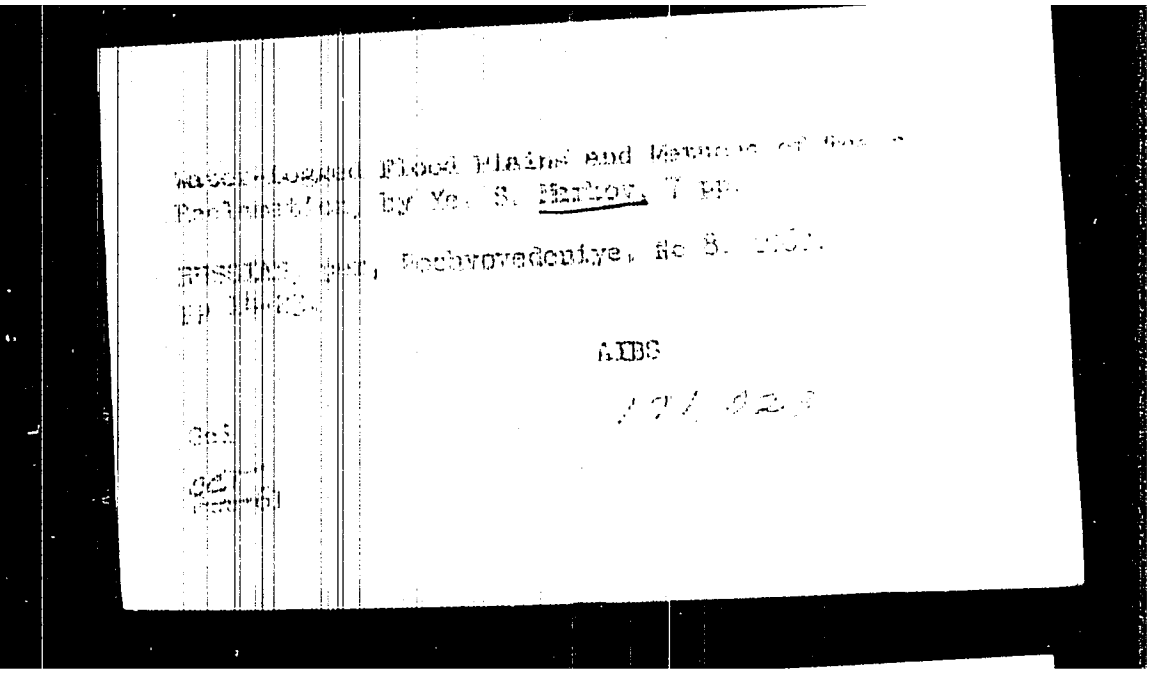
JPRS/D EC-8598

[redacted] - France
[redacted] Soc-Pol
May 63

230, 991

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Flood Plains and Measures of [illegible]
by Ye. S. Rankov, 7 pp.

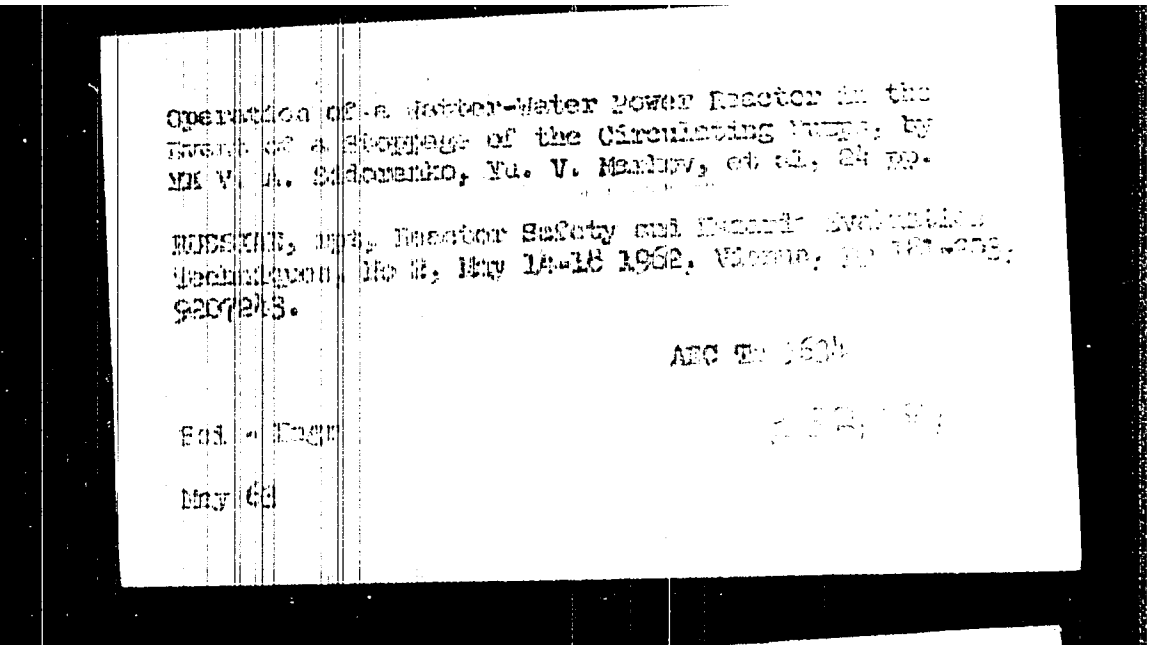
[illegible], Gidrometeorologicheskoye, No 8, 1951.

AMS

[illegible]

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Operation of a water-water power reactor in the event of a stoppage of the circulating pumps, by
M[illegible] V. A. Sidorenko, Yu. V. Markov, et al., 24 pp.

RUSSIAN, 1962, Reactor Safety and Hazard Evaluation Techniques, No 2, May 14-18 1962, Vienna, [illegible]
S/209/62/3.

AEC Tr-[illegible]

Sov - Engr

May 63

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Gastric Secretion in Response to Sham Feeding in Decorticated Dogs With Gastric Oesophageal Fistulae, by A. A. Markova, [illegible] pp.

RUSSIAN, per, Fiz Zhur SSSR imeni I. M. Sechenova, Vol XLIII, No 8, 1957, pp 793-800.

Pergamon Institute

Sci - Phys

Jul 58

66,594

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Effect of Splenectomy on the Calcium Content of the Blood Serum, by P. M. Kaplan, E. V. Markova, N. M. Turubiner, 6 pp.

RUSSIAN, per, Fiziol Zhur SSSR imeni I. M. Sechenova, Vol XLV, No 5, 1959, pp 1009-1014.

Pergamon Press

Sci

Apr 60

114,814

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Polymerization - Depolymerization. VII. The Structure of the Tetramer of Isobutylene, by Ya. M. Slobodin, K. N. Markova.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 1, Jan 1952, pp 102-105.

2

Consultants Bureau Vol XXII, No 1, Jan 1952

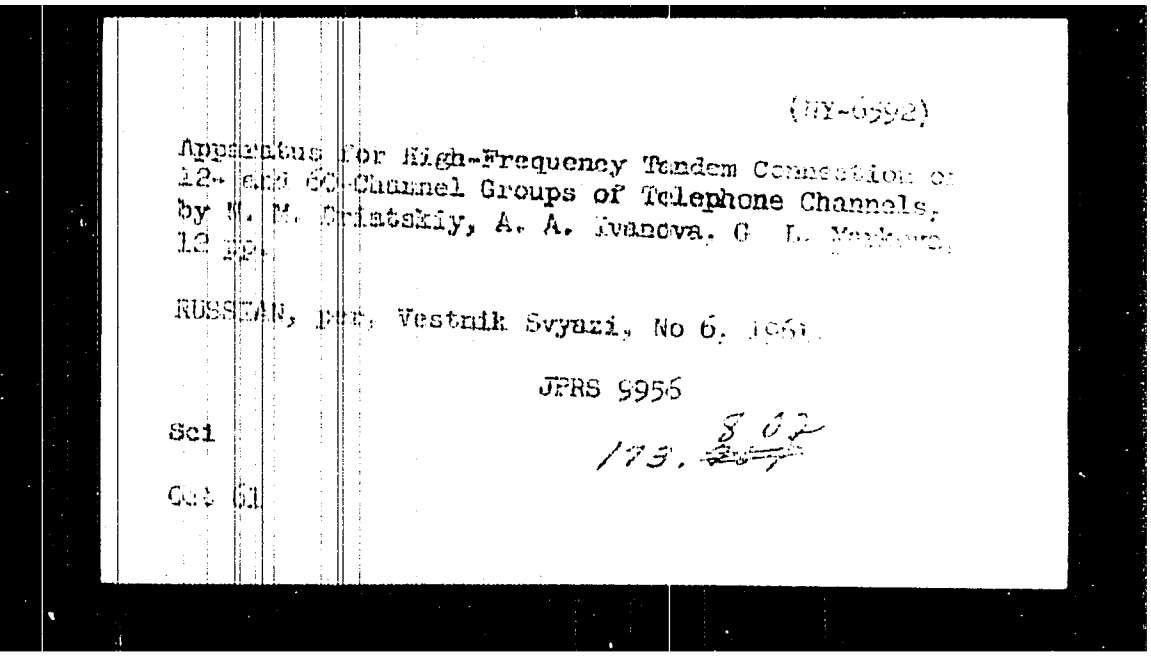
2

USSR
Scientific - Chemistry, polymerization, tetramer

A7632

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



(NY-6592)

Apparatus for High-Frequency Tandem Connection of 12- and 60-Channel Groups of Telephone Channels, by M. M. Dristskiy, A. A. Ivanova, G. L. Yashkova, 12 pp.

RUSSIAN, per, Vestnik Svyazi, No 6, 1961.

JPRS 9956

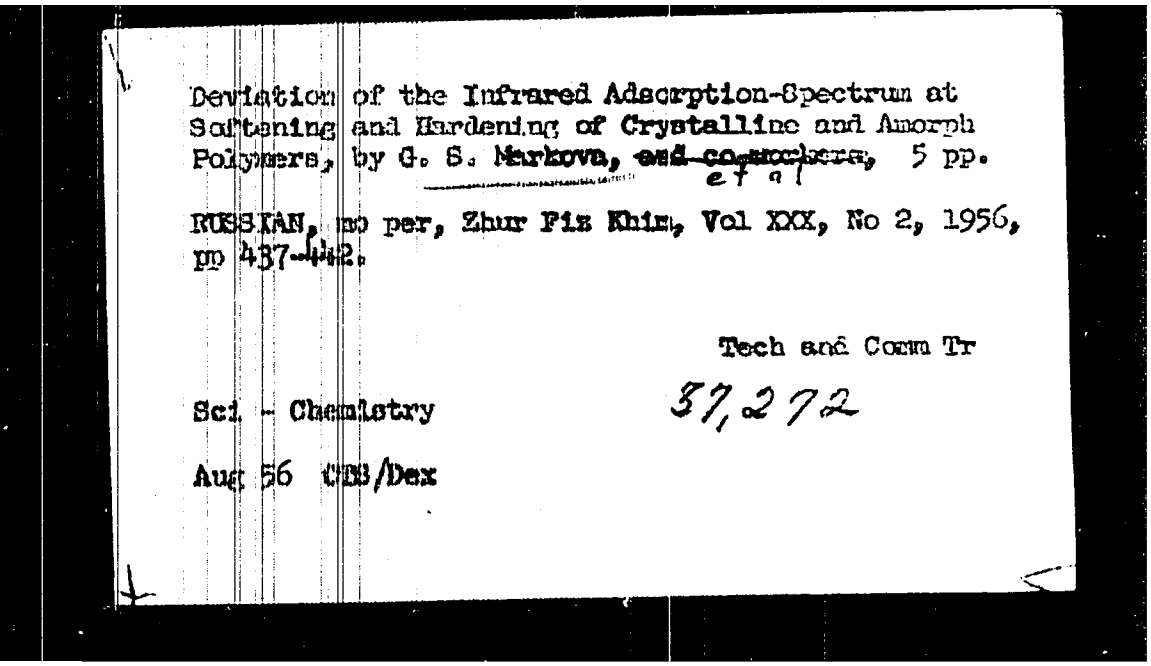
Sci

Cat 61

173. 8 02

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Deviation of the Infrared Adsorption-Spectrum at Softening and Hardening of Crystalline and Amorph Polymers, by G. S. Markova, ~~and co-workers~~ et al, 5 pp.

RUSSIAN, no per, Zhur Fiz Khim, Vol XXX, No 2, 1956, pp 437-442.

Tech and Comm Tr

37,272

Sci - Chemistry

Aug 56 CIB/Dex

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Comparative Study of Order Arising in Polymers During Crystallization or Orientation of Molecular Chains, by V. A. Kargin, G. S. Markova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII, No 3, 1957, pp 427-429.

Consultants Bureau

Sci - Chem
Oct 58

74,402

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Electronic Investigation of Crystalline Polymers. I. Linear Polymers, by V. A. Kargin, G. S. Markova.

RUSSIAN, no per, Zhur Fiz,Khim, Vol XXVII, No 8, 1953, 1236-1240.

T.I.L. T. 4526

35, 7//

Sci - Chemistry

Jun 1956

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Electronographic Investigation of Polymers.
III Examination of the Change in Structure of
Crystalline and Amorphous Polymers With
Temperature, by V. A. Kargin, G. S. Markova.

RUSSIAN, per, Zhur Fiz Khim, Vol XXIX, No 7,
1955, pp 1273-1277.

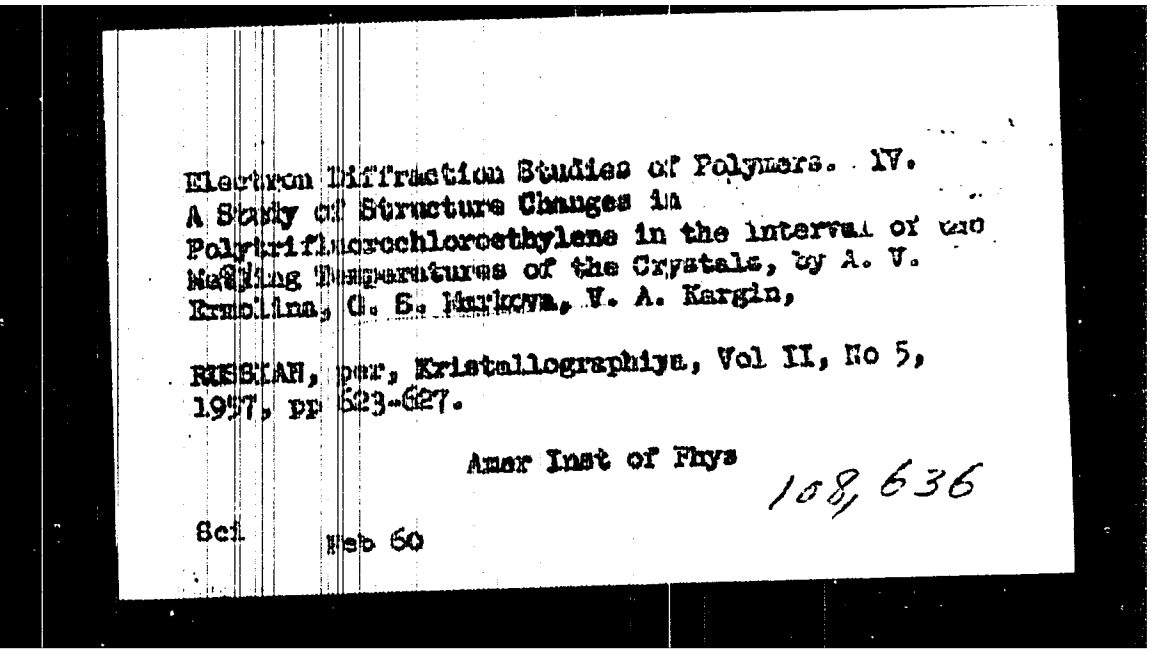
T.I.L. T-4645

Sci - Chemistry 34/476

May 1956

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Electron Diffraction Studies of Polymers. IV. A Study of Structure Changes in Polytrifluorochloroethylene in the Interval of the Melting Temperatures of the Crystals, by A. V. Ermolina, G. B. Markova, V. A. Kargin,

RUSSIAN, per, Kristallographiya, Vol II, No 5, 1957, pp 623-627.

Amer Inst of Phys

108, 636

Sci Feb 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

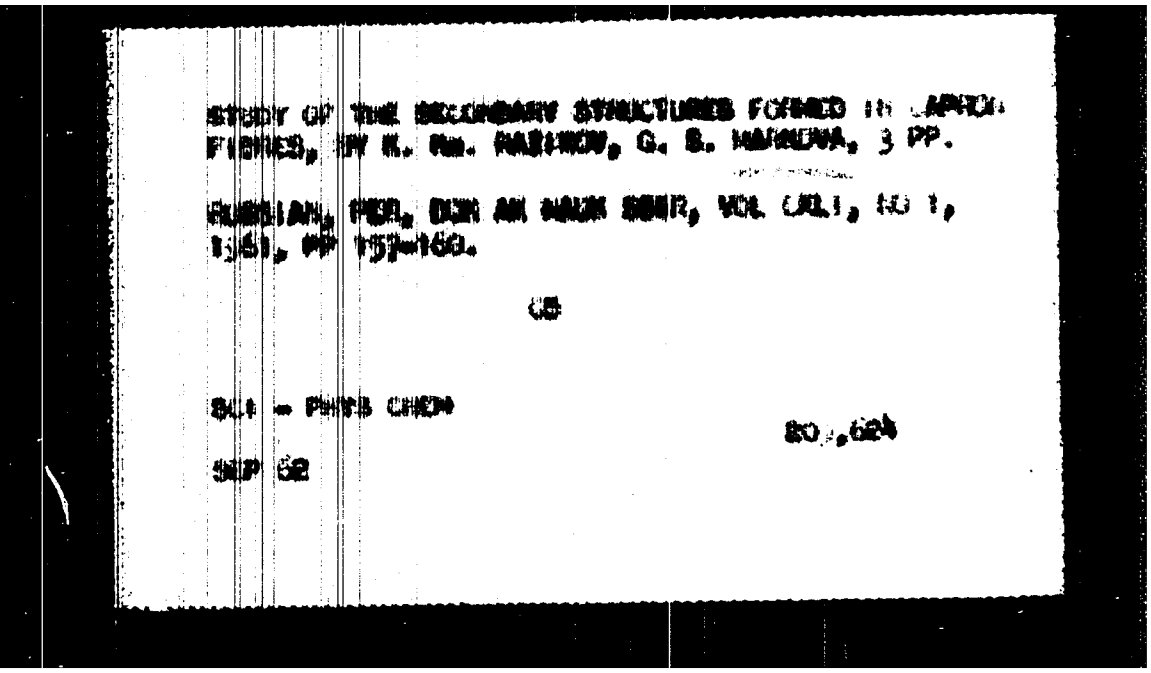
Abstract of Investigation of Order Originating in Polymers During Crystallization and Orientation, by G. S. Markova, V. A. Kargin

L. Y. Karpov Physical Chemistry Institute

CIA/FDD X-2731

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



STUDY OF THE SECONDARY STRUCTURES FORMED IN [illegible] FIBRES, BY M. Mm. MARINOV, G. S. MARKOVA, 3 PP.

[illegible], PER, DEN AN NAUK SSSR, VOL CXLI, NO 1, 1961, PP 155-160.

US

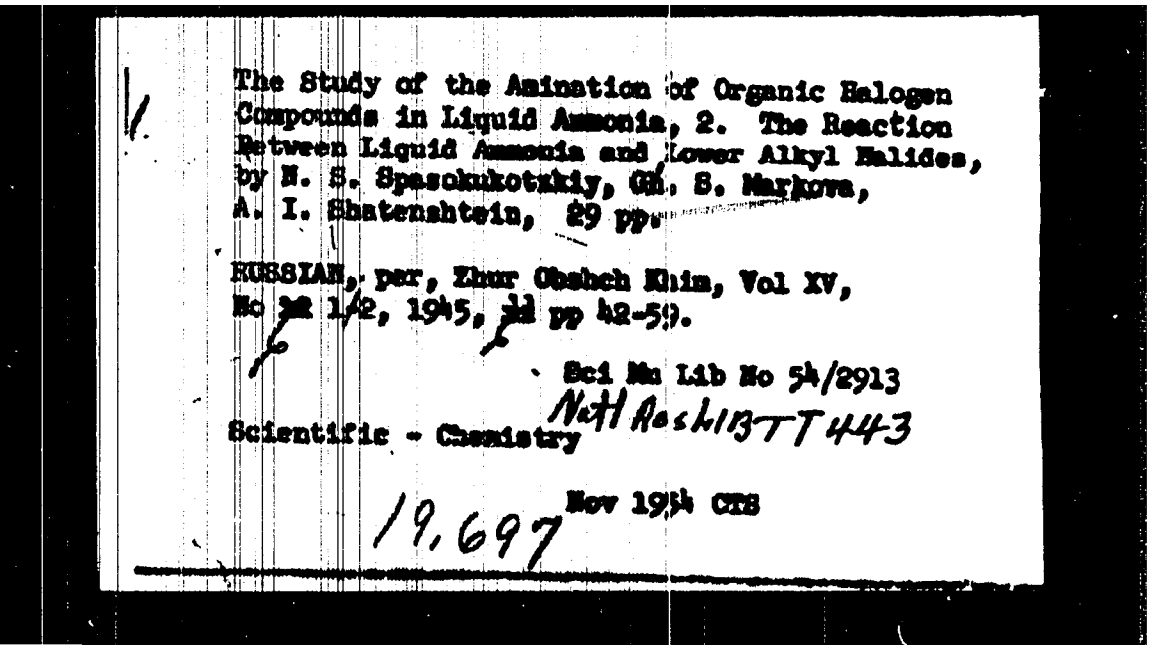
BIOL - PHYS CHEM

SEP 62

80-,624

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



The Study of the Amination of Organic Halogen Compounds in Liquid Ammonia, 2. The Reaction Between Liquid Ammonia and Lower Alkyl Halides, by N. S. Spasokukotzkiy, Gh. S. Markova, A. I. Shatenshtein, 29 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XV, No 12, 1945, pp 42-50.

Sci Mn Lib No 54/2913
Nat'l Aer Lib TT 443

Scientific - Chemistry

Nov 1954 CTS

19,697

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Certain Results of Electrophotometric and Spectr
graphic Observations of Night Airglow in
Abastumani, by L. M. Fishkova, G. V. Markova, Il

RUSSIAN, pamphlet, Spektral'nyye Elektrofoto-
metricheskiye i Radiolokatsionnyye Issledovaniya
Polyarnykh Siyaniy i Svecheniya Nochnogo Neba,
Section IV, No 2/3, 1960, pp 49-56.

JPRS 8752

Geo-Geophysics

105, 310

Aug 61

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Variations in the Intensity of the Line λ 6562A HI in the Spectrum of the Nightglow of the Sky, by L. M. Fishkova, G. V. Markova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 4, 1960, pp 799-.

AIP
Sov Phys - Dok
Vol V, No 5

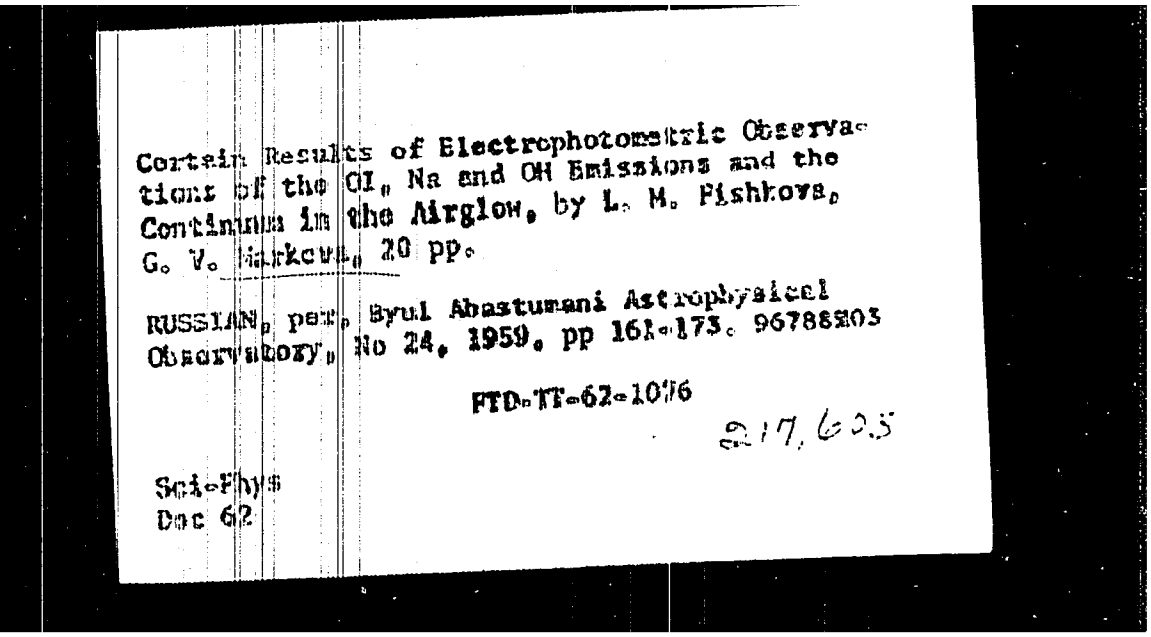
152,512

Bel

Apr 61

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Certain Results of Electrophotometric Observations of the OI, Na and OH Emissions and the Continuum in the Airglow, by L. M. Fishkova, G. V. Markova, 20 pp.

RUSSIAN, per. Byul Abastumani Astrophysical Observatory, No 24, 1959, pp 161-173. 96788203

FTD-TT-62-1076

217,605

Sci-Phys
Dec 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Variations in the Intensity of the Line λ 6562A HI in the Spectrum of the Nightglow of the Sky, by L. M. Fishkova, G. V. Markova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV, No 4, 1960, pp 799-.

AIP
Sov Phys - Dok
Vol V, No 5

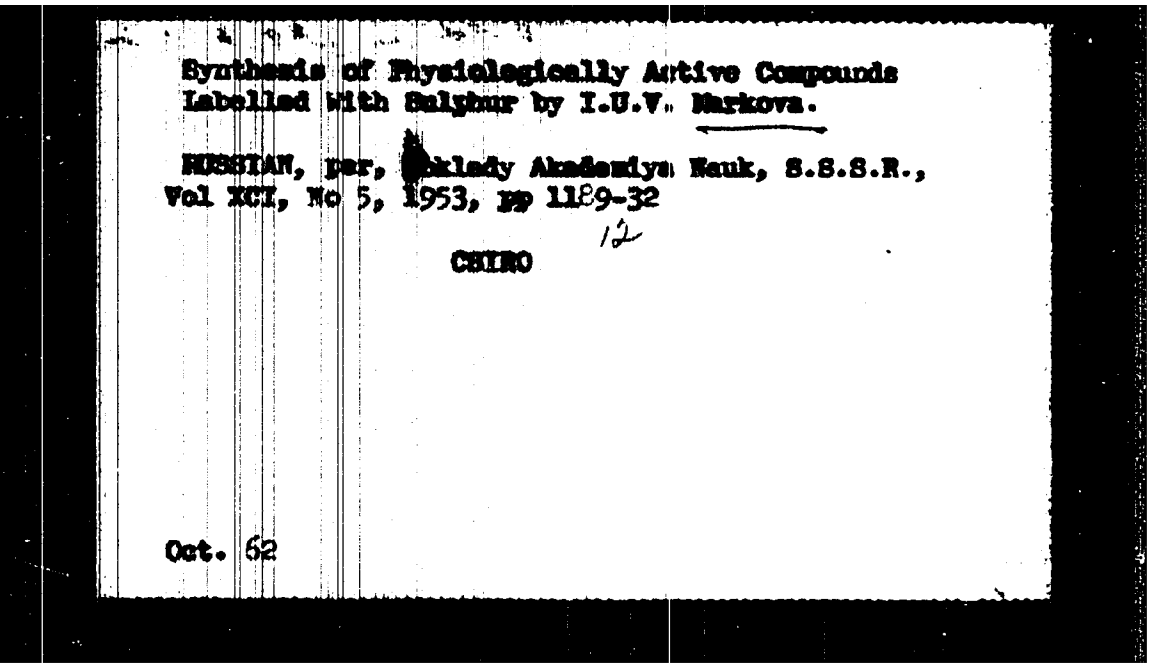
Sci

152,512

Apr 61

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Synthesis of Physiologically Active Compounds Labelled with Sulphur by I.U.V. Markova.

RUSSIAN, per, Doklady Akademiya Nauk, S.S.S.R., Vol XCI, No 5, 1953, pp 1189-32

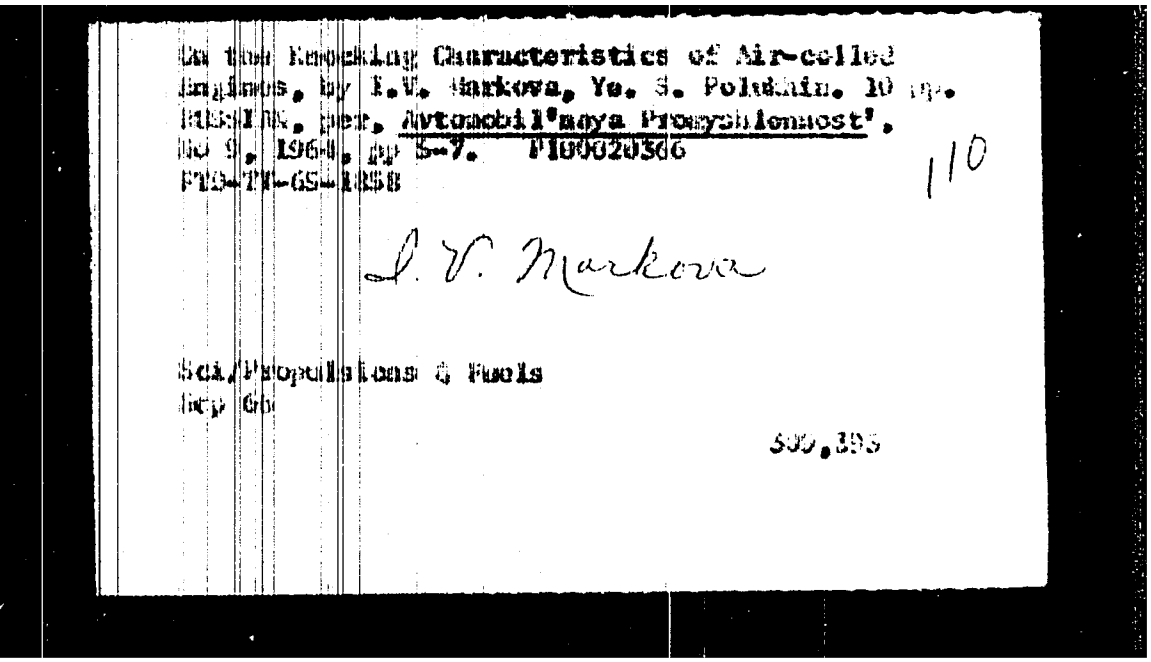
12

CHEMO

Oct. 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



On the Knocking Characteristics of Air-cooled Engines, by I.V. Markova, Ye. S. Polukhin. 10 refs. Translated from Avtomobil'naya Promyshlennost', No 9, 1964, pp 5-7. FTD0020386
FTD-TT-65-1858

110

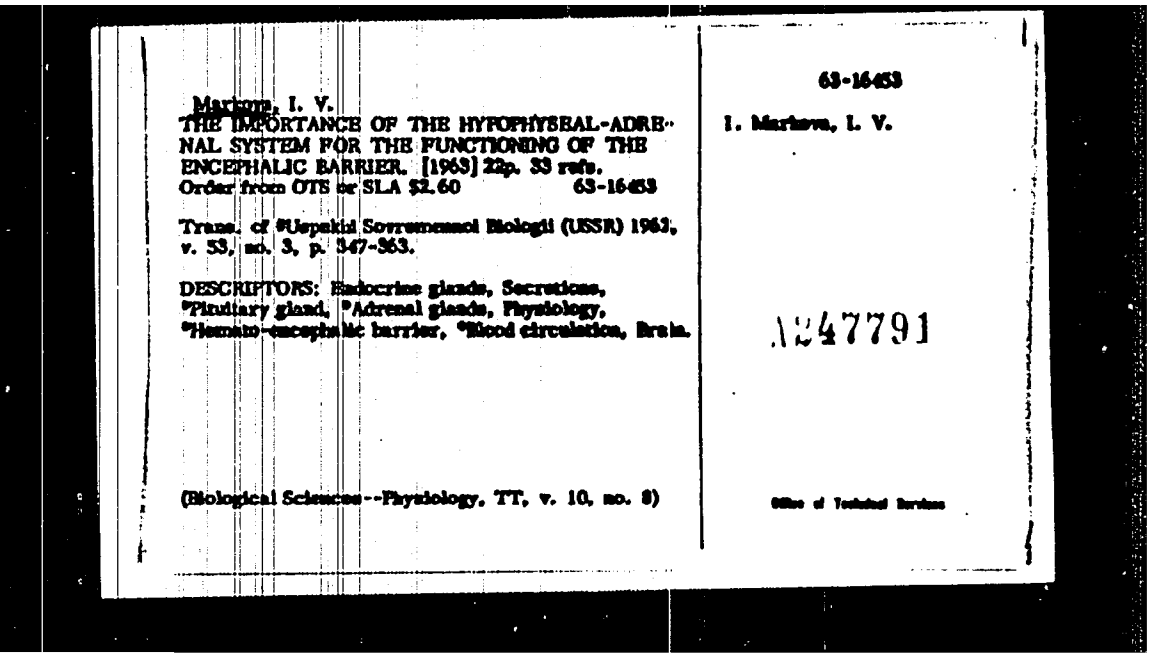
I. V. Markova

Sci/Propellants & Fuels
Dep Gb

500,395

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Markova, I. V.
THE IMPORTANCE OF THE HYPOPHYSEAL-ADRENAL SYSTEM FOR THE FUNCTIONING OF THE ENCEPHALIC BARRIER. [1963] 22p. 33 refs.
Order from OTS or SLA $2.60 63-16453

Trans. of *Uspekhi Sovremennoi Biologii (USSR) 1963, v. 53, no. 3, p. 347-363.

DESCRIPTORS: Endocrine glands, Secretions, *Pituitary gland, *Adrenal glands, Physiology, *Hemato-encephalic barrier, *Blood circulation, Brain.

(Biological Sciences--Physiology, TT, v. 10, no. 8)

63-16453

1. Markova, I. V.

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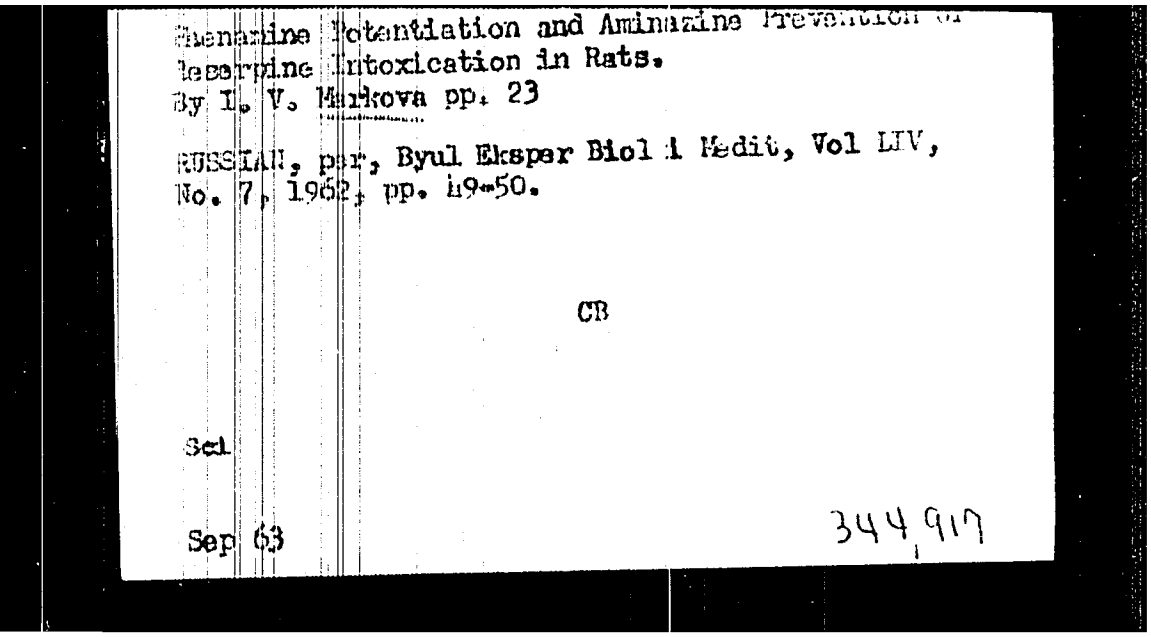
Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Phenazine Potentiation and Aminazine Prevention of Reserpine Intoxication in Rats.
By I. V. Markova pp. 23

RUSSIAN, per, Byul Eksper Biol i Medit, Vol LIV, No. 7, 1962, pp. 49-50.

CB

Sci

Sep 63

344,917

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Age Sensitivity to Barbiturates and Its Dependence on the Development of the Hypophyseal-Adrenal System, by [redacted].I. V. Markova, 4 pp.

RUSSIAN, Eksper Biol i Med, Vol L, No 10, 1960, pp 87-91.

CB

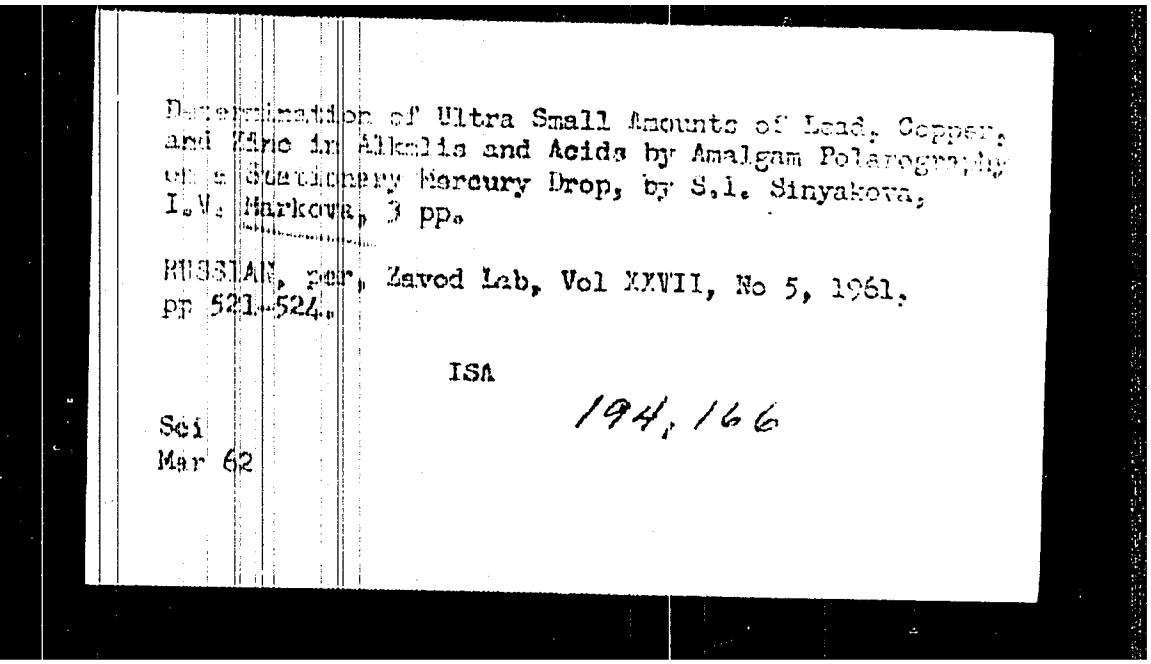
Sci

Jul 61

157,490

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Determination of Ultra Small Amounts of Lead, Copper, and Zinc in Alkalis and Acids by Amalgam Polarography on a Stationary Mercury Drop, by S.I. Sinyakova, I.V. Markova, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXVII, No 5, 1961, pp 521-524.

ISA

194,166

Sci
Mar 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

The Importance of the Pituitary-Adrenal System in the Sensitivity of Animals to Narcotics at Various Ages, by I. V Markova, 4 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLVII, No 3, 1959, pp 57-60.

CB

Sci -

Nov 59

101, 270

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

The Relationship of Barbiturate Hyperkinesis to the Stage of Development and Functional State of the Higher Divisions of the Central Nervous System, by I. V. Markova, 3 pp.

RUSSIAN, per, Fiz Zhur SSSR imeni I. M. Sechenova, Vol. XLIII, No 12, 1957, pp 1187-1190.

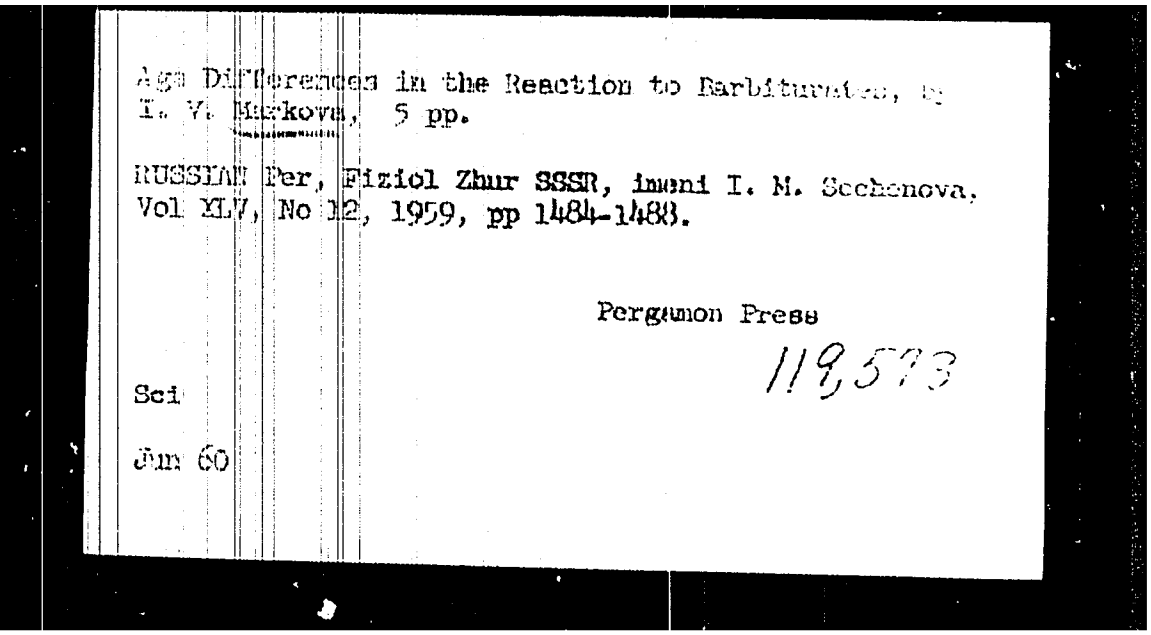
Pergamon Inst

Sci - Med
Nov 58

76,068

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Age Differences in the Reaction to Barbiturates, by T. V. Markova, 5 pp.

RUSSIAN Per, Fiziol Zhur SSSR, imeni I. M. Sechenova, Vol XLV, No 12, 1959, pp 1484-1488.

Pergamon Press

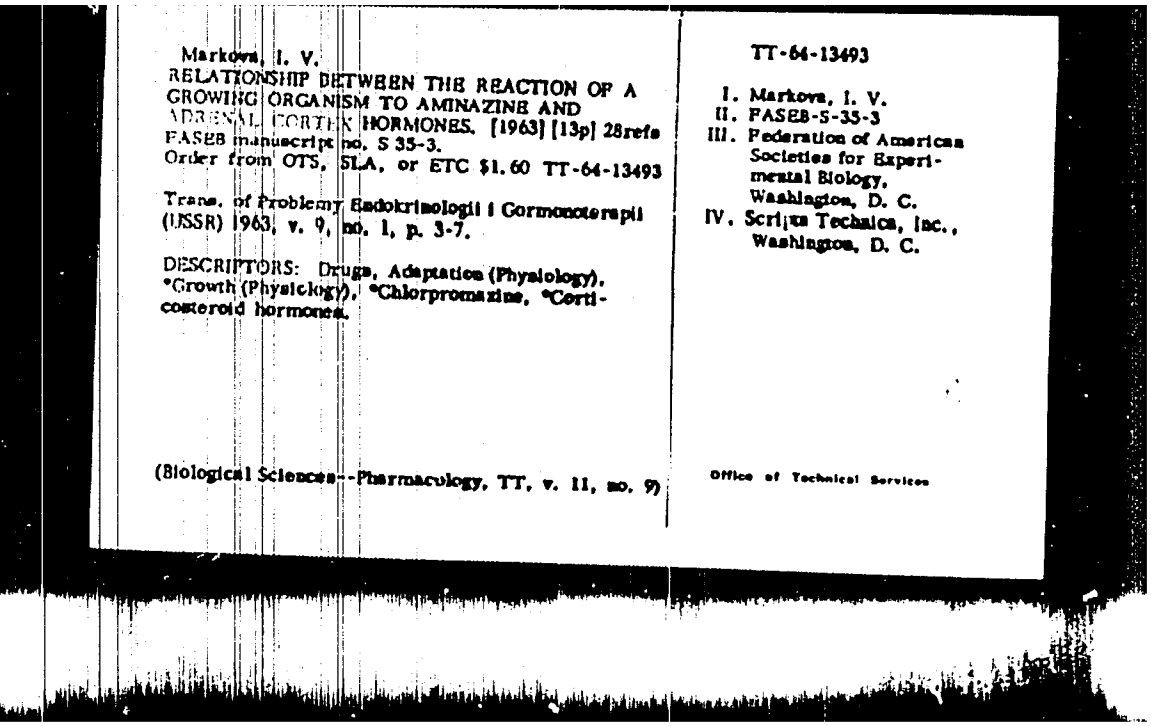
119,573

Sci

Jun 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Markova, I. V.
RELATIONSHIP BETWEEN THE REACTION OF A GROWING ORGANISM TO AMINAZINE AND ADRENAL CORTEX HORMONES. [1963] [13p] 28refs
FASEB manuscript no. S 35-3.
Order from OTS, SLA, or ETC $1.60 TT-64-13493

Trans. of Problemy Endokrinologii i Gormonoterapii (USSR) 1963, v. 9, no. 1, p. 3-7.

DESCRIPTORS: Drugs, Adaptation (Physiology), *Growth (Physiology), *Chlorpromazine, *Corticosteroid hormones.

(Biological Sciences--Pharmacology, TT, v. 11, no. 9)

TT-64-13493

I. Markova, I. V.
II. FASEB-S-35-3
III. Federation of American Societies for Experimental Biology, Washington, D. C.
IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Effect of Morphine and Its Ethers on the Hyperkinesis Caused by Barbiturates, by V. M. Karasik and I. V. Markova, 1 pp.

RUSSIAN, no per, Byul Eksper Biol i Med, Vol XLI, No 11, 1956, p 33.

Consultants Bureau

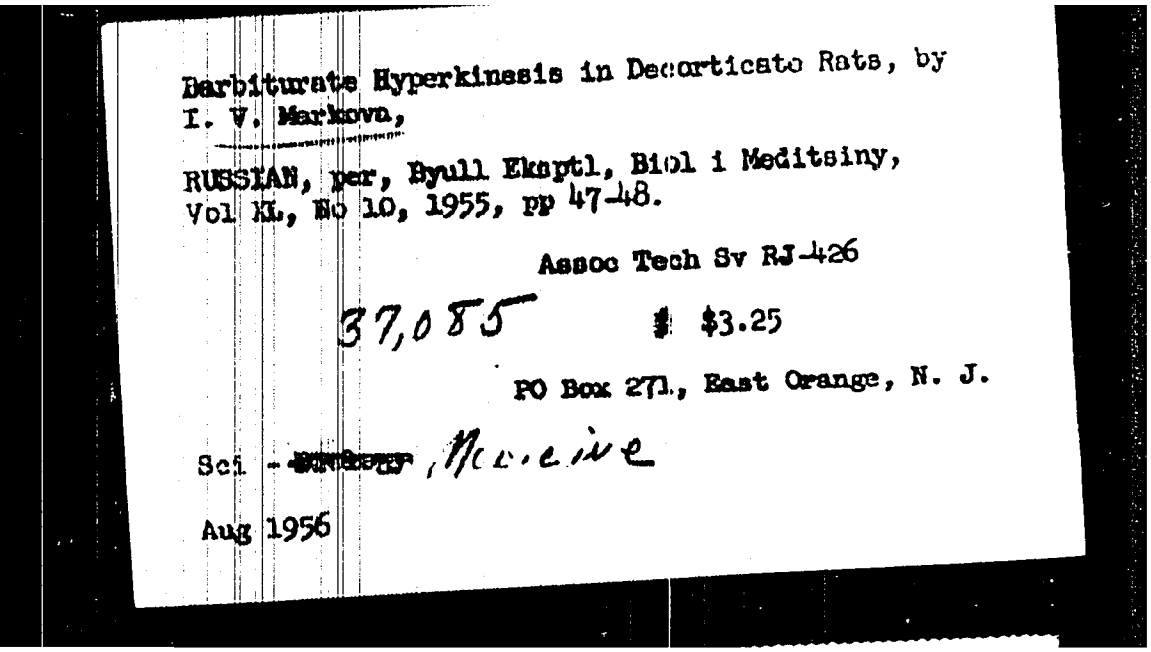
Sci - Med

Mar 58

57,594

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Barbiturate Hyperkinesis in Decorticate Rats, by
I. V. Markova,

RUSSIAN, per, Byull Eksptl, Biol i Meditsiny,
Vol XL, No 10, 1955, pp 47-48.

Assoc Tech Sv RJ-426

37,085 $ $3.25

PO Box 271., East Orange, N. J.

Sci - [redacted], Receive

Aug 1956

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Antibodies to the Brain Component of [redacted]
Neutropic Virus Vaccines, by R. S. Korenblit,
L. A. Markova, 5 PP.

RUSSIAN, per, Voprosy Virusolog, Vol VI, No 4, 1961,
pp 482-486.

PP

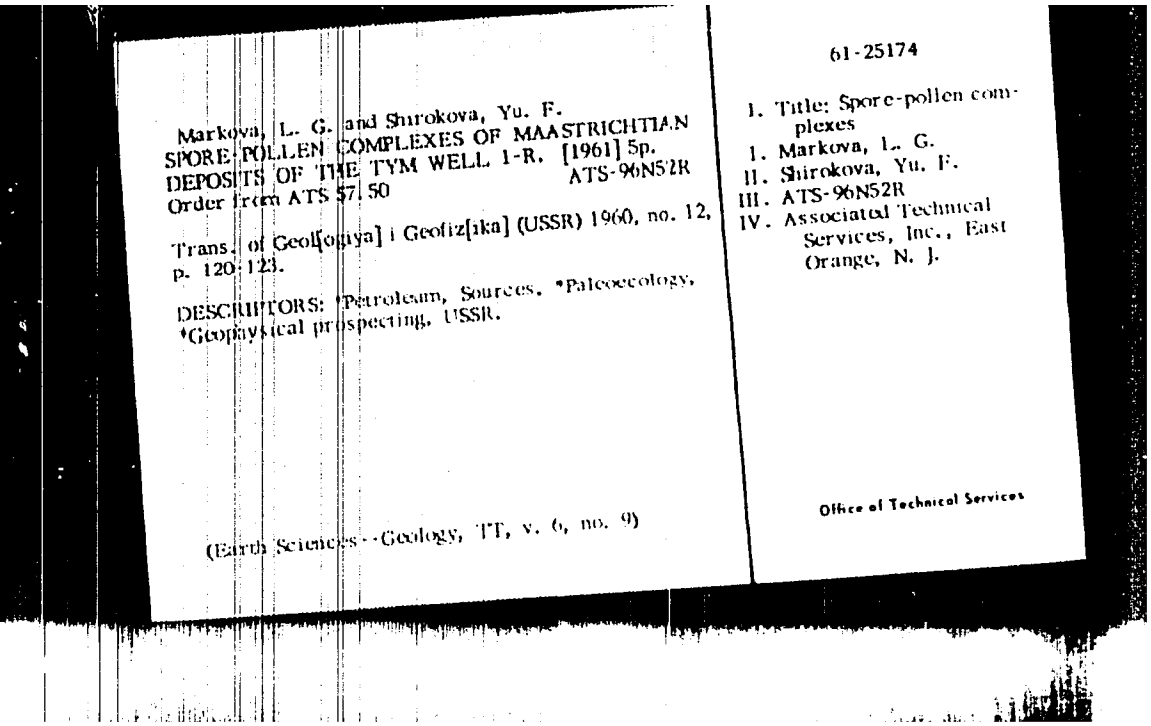
Sci

Oct 62

216,095

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Markova, L. G. and Shirokova, Yu. F.
SPORE-POLLEN COMPLEXES OF MAASTRICHTIAN DEPOSITS OF THE TYM WELL 1-R. [1961] 5p.
Order from ATS 57.50 ATS-96N52R

Trans. of Geol[ogiya] i Geofiz[ika] (USSR) 1960, no. 12, p. 120-123.

DESCRIPTORS: *Petroleum, Sources, *Paleoecology, *Geophysical prospecting, USSR.

(Earth Sciences--Geology, TT, v. 6, no. 9)

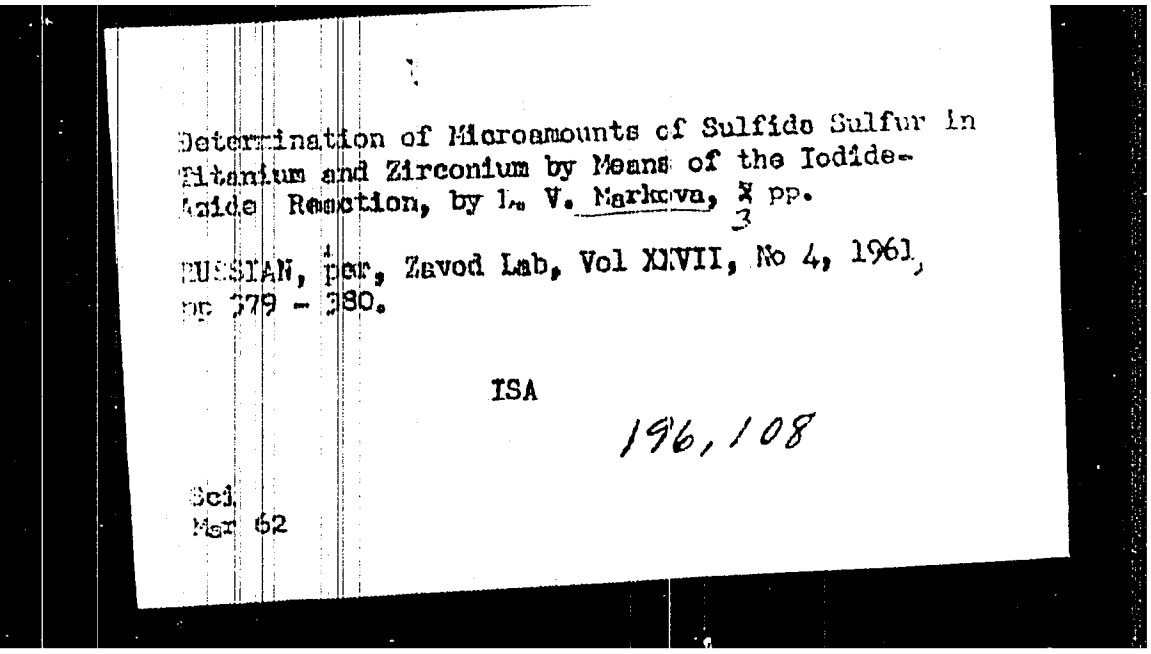
61-25174

I. Title: Spore-pollen complexes
I. Markova, L. G.
II. Shirokova, Yu. F.
III. ATS-96N52R
IV. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Determination of Microamounts of Sulfide Sulfur in Titanium and Zirconium by Means of the Iodide-Iodide Reaction, by L. V. Markova, 3 pp.

RUSSIAN, Per, Zavod Lab, Vol XXVII, No 4, 1961, pp 379 - 380.

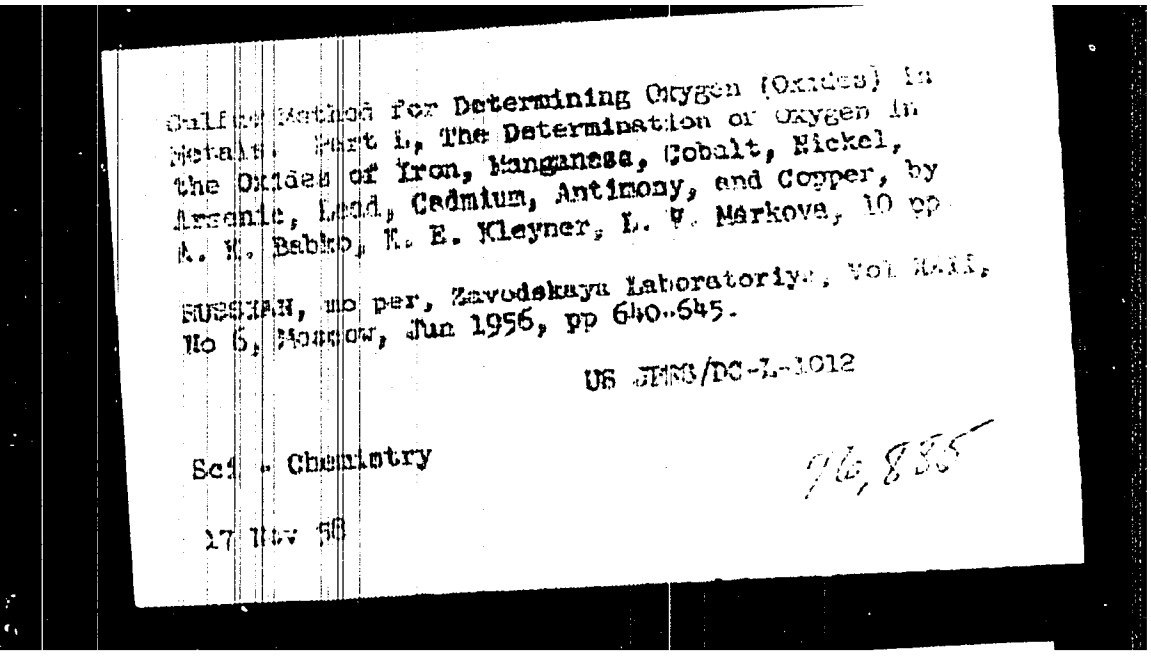
ISA

196,108

Sci
Mar 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Sulfide Method for Determining Oxygen (Oxides) in Metals. Part I, The Determination of Oxygen in the Oxides of Iron, Manganese, Cobalt, Nickel, Arsenic, Lead, Cadmium, Antimony, and Copper, by A. M. Babko, T. E. Kleyner, L. V. Markova, 10 pp

RUSSIAN, Zavodskaya Laboratoriya, Vol XXII, No 6, Moscow, Jun 1956, pp 640-645.

US JPRS/DC-L-1012

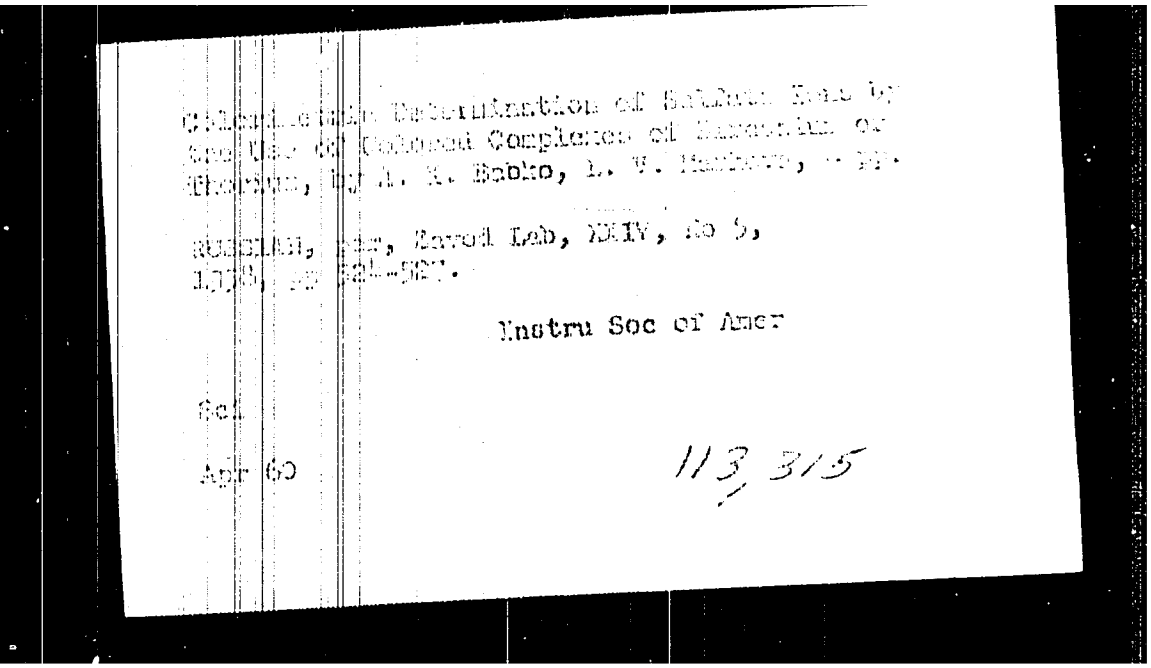
Sci - Chemistry

17 Nov 58

76,835

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Ultrasonic Determination of Bulk Modulus by
Use of Cylindrical Compliance of Materials of
Rhombic Symmetry, by J. R. Banks, L. V. Hanford, and [illegible].

[illegible], Rev, Naval Lab, NRL, No 5,
1970, pp [illegible].

Instru Soc of Amer

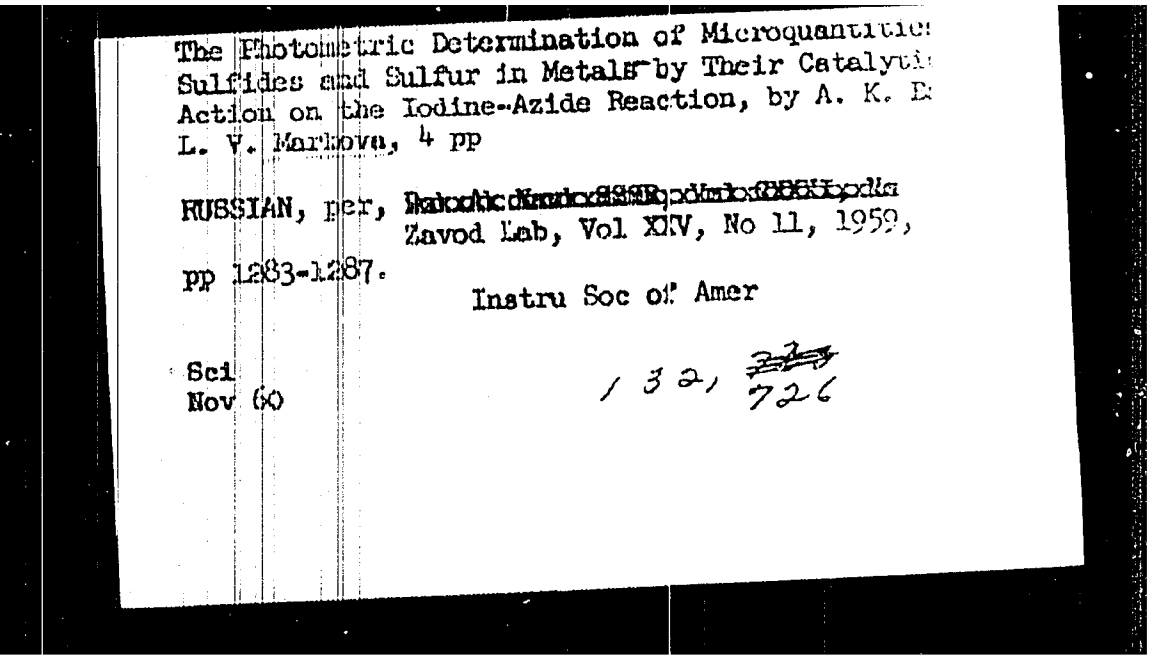
Gel

Apr 60

113 315

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



The Photometric Determination of Microquantities Sulfides and Sulfur in Metals by Their Catalytic Action on the Iodine-Azide Reaction, by A. K. B L. V. Markova, 4 pp

RUSSIAN, per, [illegible]
Zavod Lab, Vol XXV, No 11, 1959,

pp 1283-1287.

Instru Soc of Amer

Sci
Nov 60

132, 726

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

The Effect of Hydrogen Ion Concentration on the Formation of Indium Dithiocarb[illegible], by K. B. Kleiner, L. V. Markova, 17 pp. UNCLASSIFIED

Full translation.

RUSSIAN, Zhur prik Khim, Vol VIII, No 5, 1953, pp 279-283.

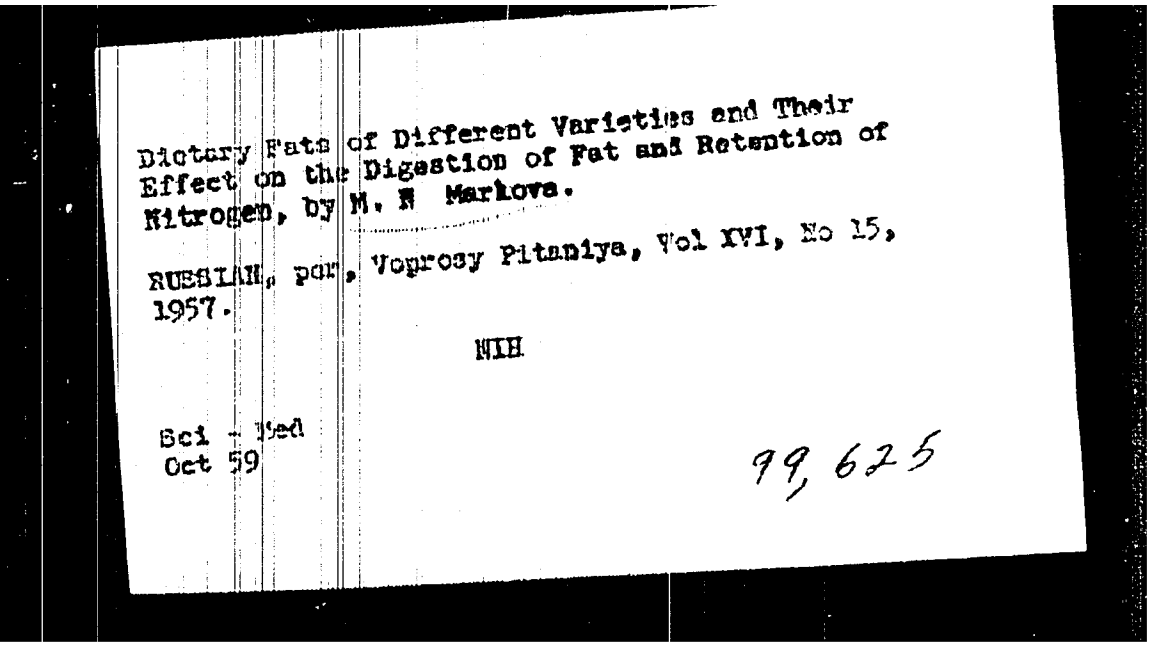
Consultants Bureau

Scientific - Chemistry Sep 54 CTS/mrx

18,599

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Dietary Fats of Different Varieties and Their Effect on the Digestion of Fat and Retention of Nitrogen, by M. N Markova.

RUSSIAN, per, Voprosy Pitaniya, Vol XVI, No 15, 1957.

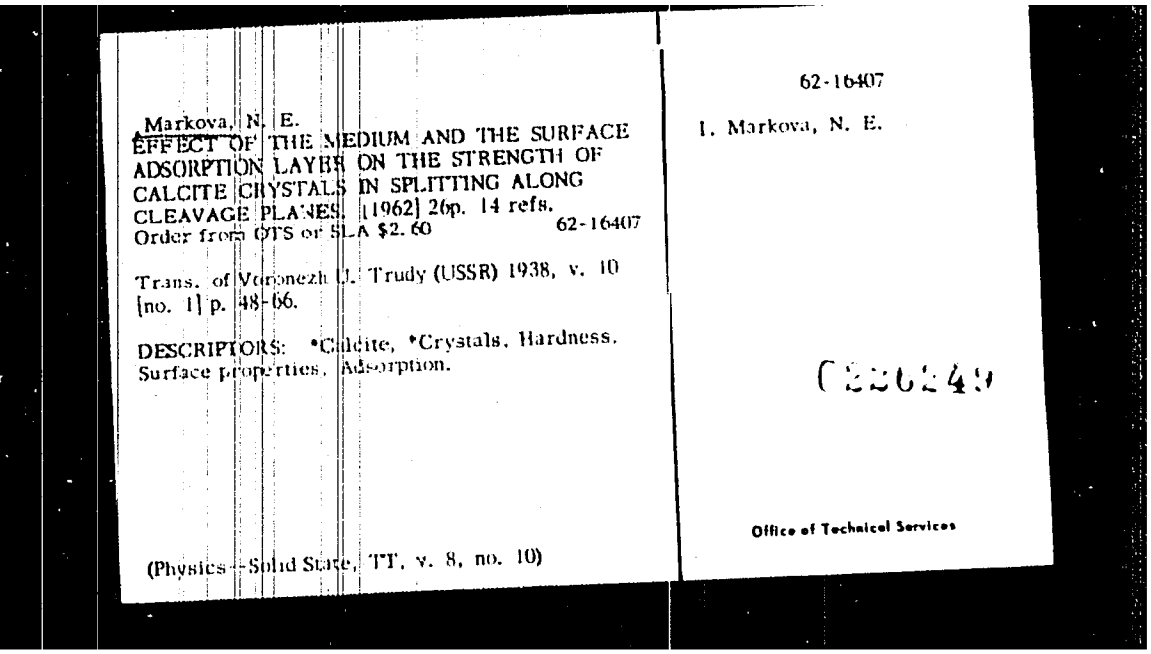
NIH

Sci - Med
Oct 59

99,625

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Markova, N. E.
EFFECT OF THE MEDIUM AND THE SURFACE ADSORPTION LAYER ON THE STRENGTH OF CALCITE CRYSTALS IN SPLITTING ALONG CLEAVAGE PLANES. [1962] 26p. 14 refs.
Order from OTS or SLA $2.60 62-16407

Trans. of Voronezh U. Trudy (USSR) 1938, v. 10 [no. 1] p. 48-66.

DESCRIPTORS: *Calcite, *Crystals, Hardness, Surface properties, Adsorption.

(Physics--Solid State, TT, v. 8, no. 10)

62-16407

I. Markova, N. E.

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Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Silurian Deposits of the Kargabulak Springs Area, by N. G. Markova, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geol, No 7, 1959, pp 90-98.

AGI

Sci
Apr 61

144, 841

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Synthesis of Acetylene from Calcium Carbonate, by
A. V. Trofimov, N. G. Markova, E. I. Dobkina, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXII, No 2, 1959,
pp 399-403

Consultants Bureau

Sci

Feb 60

108,087

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Extraction of Small Amounts of Gold from Cyanide, Hydrochloride, and Iodide Solutions by Means of Ion-Exchange Resins, by N. A. Ezerskaya and N. V. Markova, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXX, No 7, 1957, pp 1071-1073.

Consultants Bureau

Sci - Chem

Oct 58

74,108

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Influence of Anodic Polarization on Intergranular Corrosion of Stainless Chromium--Nickel Steels, by N. D. Tomashov, G. P. Chernova, O. N. Markova, 8 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXXIII, No 6, 1960, pp 1324-1333.

CB

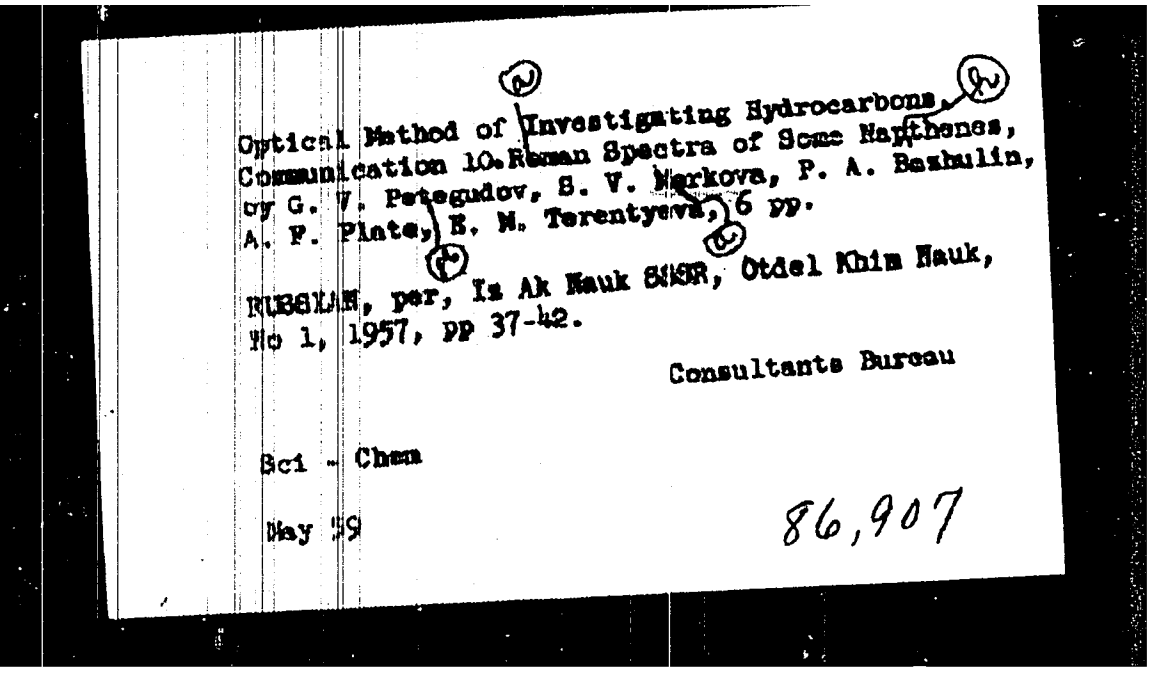
Sci

Jun 61

158,449

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Optical Method of Investigating Hydrocarbons, Communication 10. Raman Spectra of Some Naphthenes, by G. V. Petegudov, S. V. Merkova, P. A. Bazhulin, A. P. Pinte, E. M. Terentyeva, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 1, 1957, pp 37-42.

Consultants Bureau

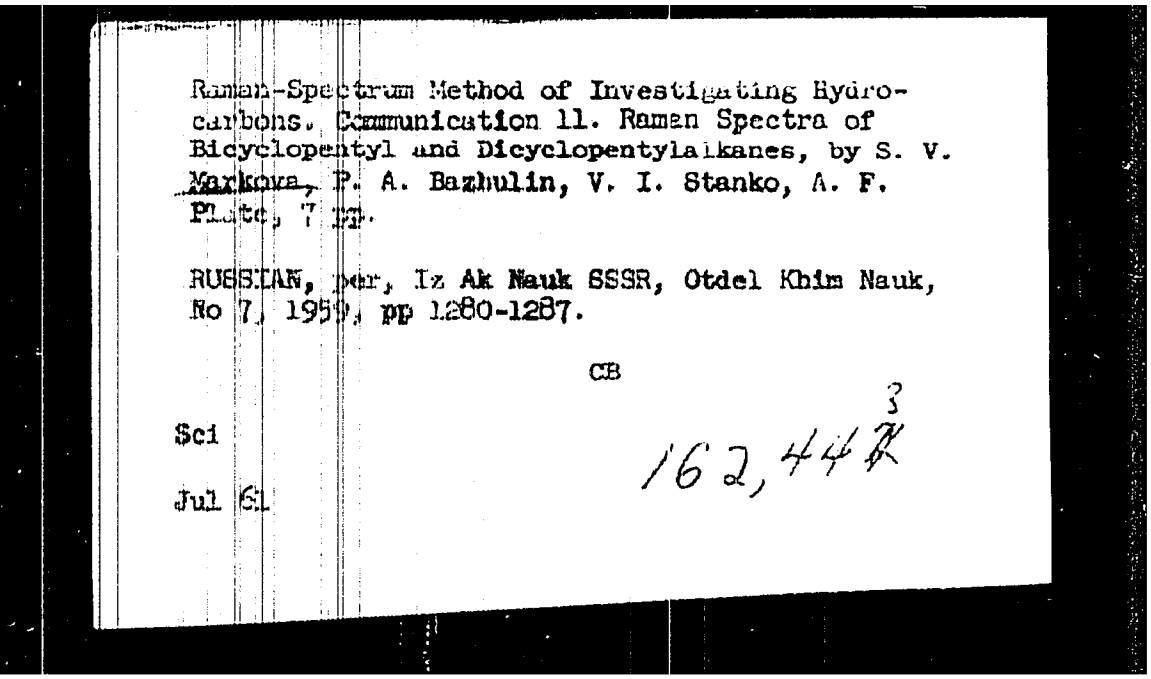
Sci - Chem

May 58

86,907

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Raman-Spectrum Method of Investigating Hydrocarbons. Communication 11. Raman Spectra of Bicyclopentyl and Dicyclopentylalkanes, by S. V. Markova, P. A. Bazhulin, V. I. Stanko, A. F. Plate, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 7, 1959, pp 1280-1287.

CB

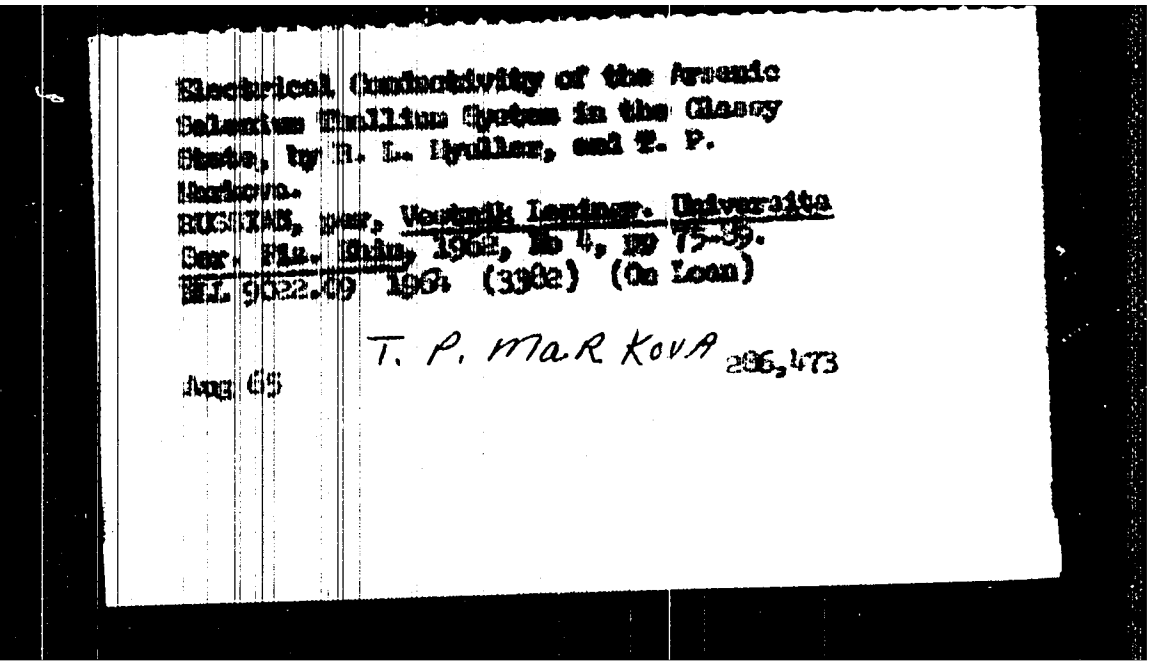
Sci

Jul 61

162,44 3

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



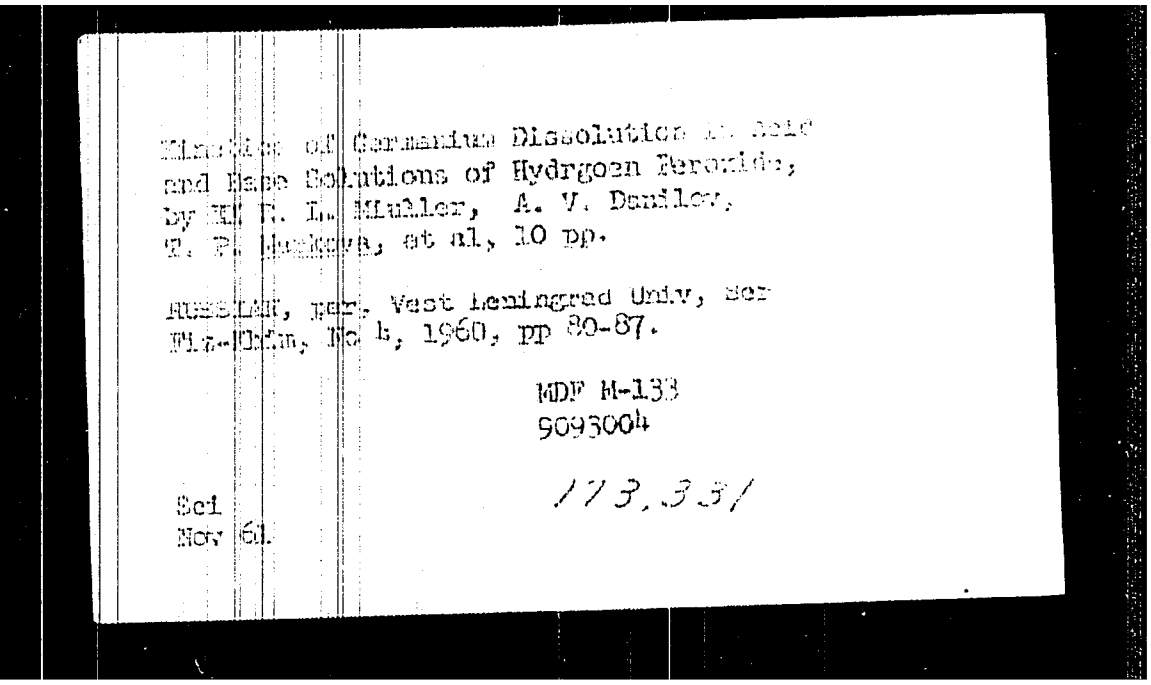
Electrical Conductivity of the Arsenic
Selenium Thallium System in the Glassy
State, by T. L. Lyubina, and T. P.
Markova.
RUSSIAN, Vestnik Leningr. Universiteta
Ser. Fiz. Khim, 1962, No 4, pp 75-79.
MI. 9522.09 1963 (3982) (On Loan)

T. P. MARKOVA 286,473

Aug 65

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Kinetics of Germanium Dissolution in Acid and Base Solutions of Hydrogen Peroxide, by M. F. I. Muller, A. V. Dandlov, E. P. Buckley, et al, 10 pp.

Russian, per. Vest Leningrad Univ, Ser Fiz-Khim, No 4, 1960, pp 80-87.

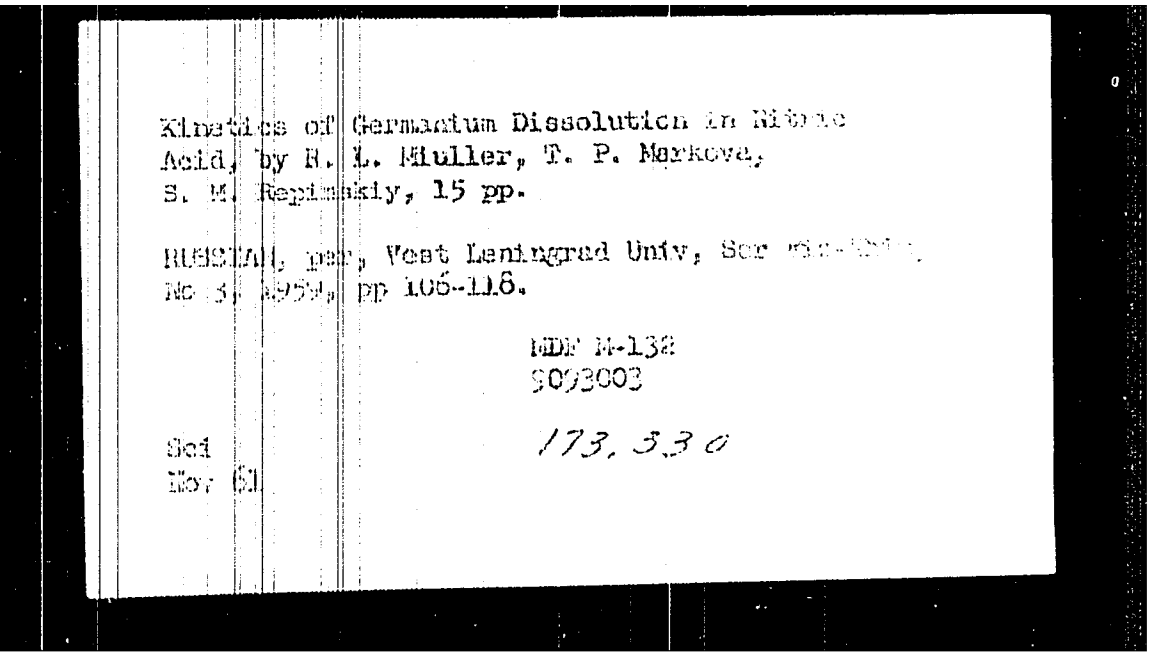
MDF M-133
9093004

173,331

Sci
Nov 61

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Kinetics of Germanium Dissolution in Nitric Acid, by B. L. Miuller, T. P. Markova, S. M. Repinskiy, 15 pp.

RUSSIA[illegible], per, Vest Leningrad Univ, Ser [illegible], No 3, 1954, pp 106-116.

MDF M-138
90/3003

173,530

Sci
Mor (S)

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Kinetics of Germanium Dissolution in Nitric Acid, by R. L. Muller, T. P. Markova, S. M. Repinskiy, 15 pp.

RUSSIAN, Nauch per, Vest Leningradskogo U, Ser Fiz i Khim, No 3, 1959, pp 106-118.

MF M-132

Sci chem
Jul 61

161,403

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

inetics of Germanium Dissolution in Acid and ase Solutions of Hydrogen Peroxide, by R. L. fuller, A. V. Denilov, T. P. Markova, et al, 0 pp.

USSIAN, per, Vest Leningradskogo U, Ser iz i Khim, No 4, 1960, pp 80-87.

MDF K M-133

Sci - chem
Jul 61

161,396

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Acclimatization of the Baltic Herring in the Aral Sea, by ~~MMX~~ P.M. Konovalov, ~~EX~~ Ye. L. Markova Ye. L. Binting.

RUSSIAN, per, Rybnoye Khozyaystvo, Vol XXXIV, No 3, March 1958, pp 12-16. 9078909

USIA

Sci - Biology
Aug 61

163,031

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Synthesis of Physiologically Active S^{35} - Labeled Compounds, by Yu. V. Markova, A. M. Pozharskaya, V. I. Maiming, T. F. Zhukova, E. A. Kosolapova, M. M. Shemyakina, 7 pp.

Vol.

RUSSIAN, Zhurnal-mo per, Dok Ak Nauk SSSR, XCI, 1953, pp 1129-1132.

AEC Tr 2537

Sci - Chemistry
Aug 1956 CTS/dax

37,486

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

A New Synthesis Method of Cl_4 Labeled p-Aminobenzoic Acid and Preparation of the Cl_4 Labeled Anesthetics Anesthesine, Novocaine and Cocaine, by Yu. V. Markova, L. N. Zenkova, M. N. Shchkina, 4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXV, No 7, 1955, pp 1383-1386. CIA C 42051

Consultants Bureau
34,260

Scientific - Chemistry
May 56 CTS/dex

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Synthesis of Esters of Undecylenic Acid and Some of Its Derivatives, by Yu. V. Markova, K. K. Kuz'mina, 3 pp.

RUSSIAN, par, Zhur Obshch Khim, Vol XXX, No 3, 1960, pp 1037-1039.

CB

Sci -
Apr 61

147,599

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Synthesis of Mercapto Amino Compounds. IV. Synthesis of β-Mercaptoethylamine and 1-Amino-2-Mercaptobutane, by Yu. V. Markova, K. K. Kuz'mina, M. N. Shchukina, 4 pp.

RUSSIAN, Zur, Zhur Obshch Khim, Vol XXX, No 3, 1960, pp 1039-1042.

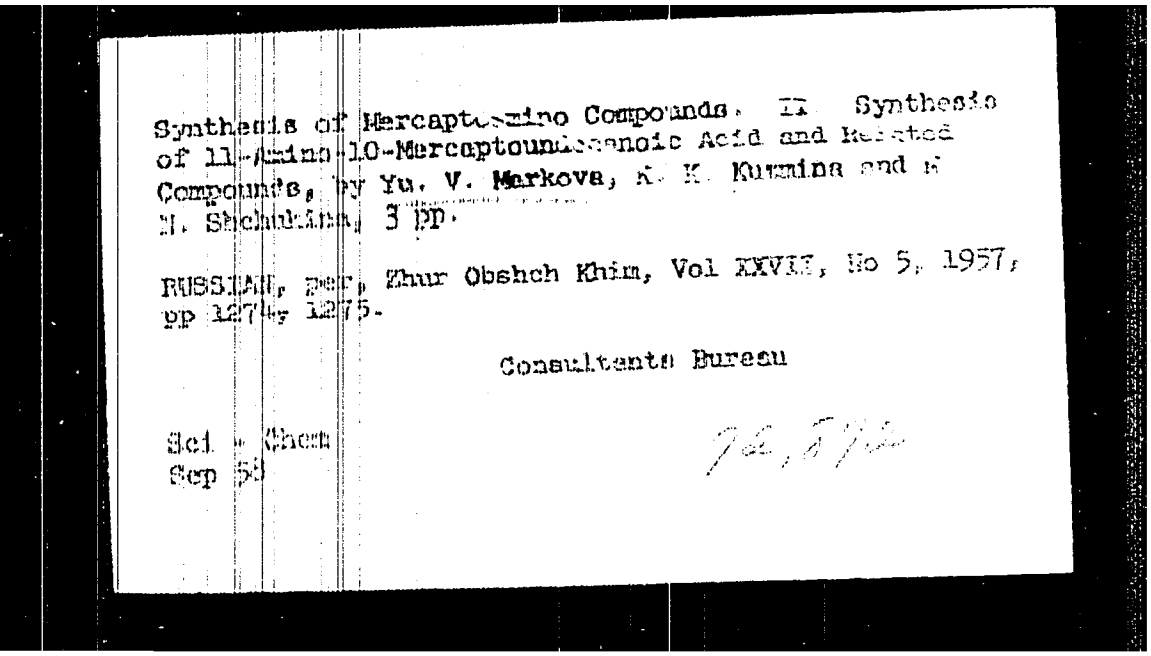
CB

Sci -
Apr 61

147,600

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Synthesis of Mercaptoamino Compounds. II. Synthesis of 11-Amino-10-Mercaptoundecanoic Acid and Related Compounds, by Yu. V. Markova, K. K. Kurmina and N. N. Shchukina, 3 pp.

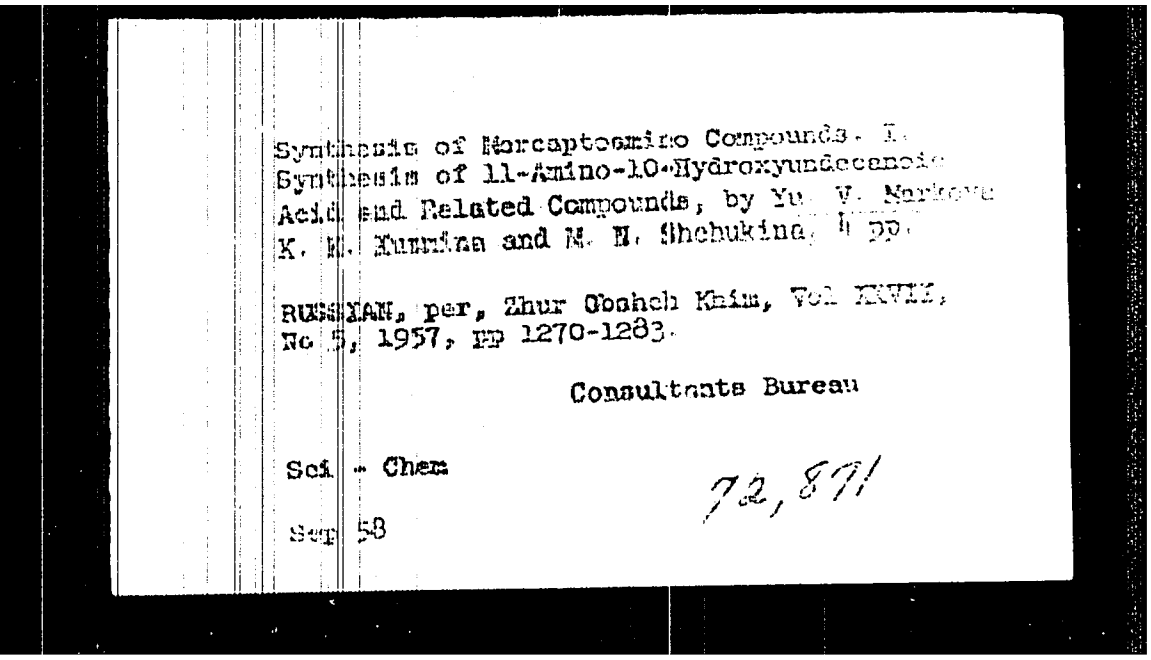
RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 5, 1957, pp 1274-1275.

Consultants Bureau

Sci - Chem
Sep 58

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Synthesis of Mercaptoamino Compounds. I. Synthesis of 11-Amino-10-Hydroxyundecanoic Acid and Related Compounds, by Yu. V. Markova, K. M. Kuznina and N. N. Shchukina. 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 5, 1957, pp 1270-1283.

Consultants Bureau

Sci - Chem

Sep 58

72,871

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

The Synthesis of Mercaptoamino Compounds. III. Synchesis of 3-Mercapto-4-Amino-2-Methylbutane and 5-Amino-1-Mercaptopentane, by Yu. V. Markova, L. N. Zenkova, M. N. Shchukina, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 7, 1958, pp 1811-1814.

Consultants Bur

Sci - Chem
Sep 59

96,859

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Derivatives of Zingerone IV, by A. Ya. Berlin, Yu. V. Mirkova, 4 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XIX, No 8, Aug 1949.

CIA/FTD/X-397

Scientific - Chemistry

15825

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Investigation of the Structure of an Alumino-Silicate Catalyst by the Infrared Spectroscopy Method, by Z. A. Markova, 4 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol II, No 3, 1961, pp 435-439.

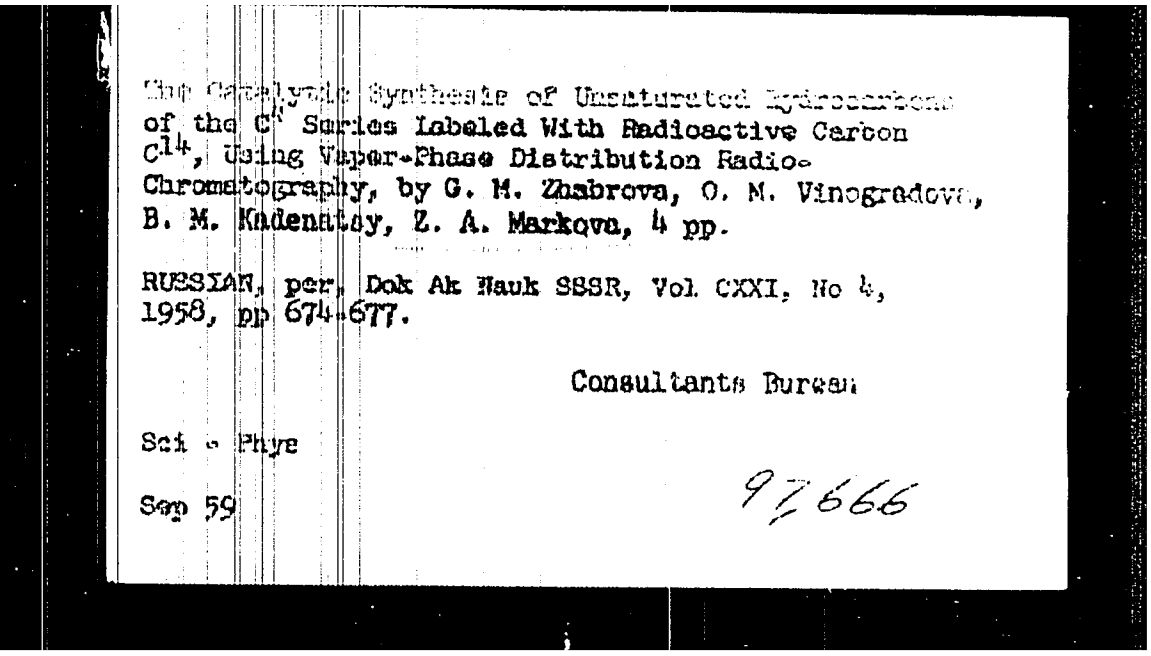
CB

Sci
Jun 62

201,754

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



The Catalytic Synthesis of Unsaturated Hydrocarbons of the C^{4} Series Labeled With Radioactive Carbon C^{14}, Using Vapor-Phase Distribution Radio-Chromatography, by G. M. Zhabrova, O. M. Vinogradova, B. M. Kudenatsy, Z. A. Markova, 4 pp.

RUSSIAN, per. Dok Ak Nauk SSSR, Vol. CXXI, No 4, 1958, pp 674-677.

Consultants Bureau

Sci - Phys

Sep 59

97666

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

The Reaction of Some Anils With Maleic Anhydride, by B. I. Ardashev, Z. D. Markova, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXI, No 8, Aug 1951, pp 1505-1508.

Consultants Bureau

12,837

USSR
Scientific - Chemistry

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Non-Germinating Sproros of Bacillus Megaterium var. Phosphaticum, by Z. S. Markova, E. A. Krongauz, et al, 6 pp.

RUSSIAN, per, Mikrobiologiya, Vol XXXI, No 1, 1962, pp 103-110.

AIBS

243,268

Sci-Biol & Med Sci
Nov 63

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

The Influence of Technological Factors on the Size Effect in Fatigue and Long-Time Strength Testing, by M. P. Markovets, 8 pp.

RUSSIAN, per, Zavod Lab, Vol XXVI, No 9, 1960, pp 1129-1133.

ISA

Sci

Jul 61

167,309

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

Experiments With Heterodispersed "Seeds", by
S. Maricic, I. Markovcic, 11 pp.

GERMAN, per, Z. Anorg. u. allgem. Chem, Vol
CCLXVI, 1954, pp 193-203.

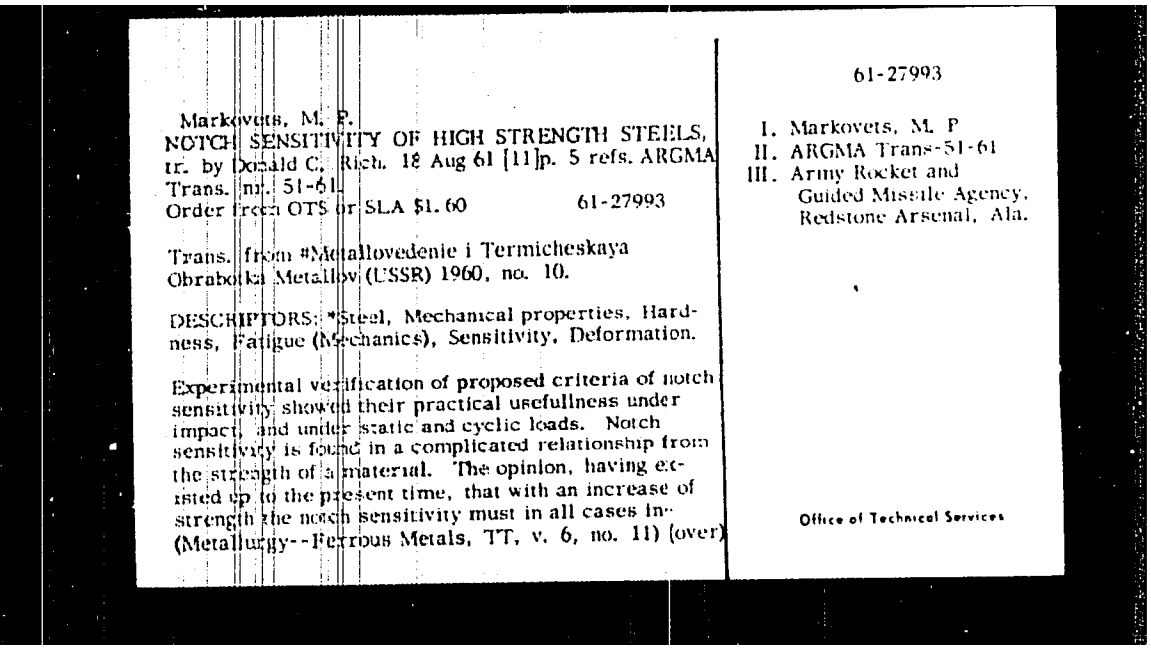
AEC Tr 2082

Scientific - Chemistry Mar 55 CTS/DEX

22,292

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Markovets, M. P.
NOTCH SENSITIVITY OF HIGH STRENGTH STEELS, tr. by Donald C. Rich. 18 Aug 61 [11]p. 5 refs. ARGMA Trans. nr. 51-61.
Order from OTS or SLA $1.60 61-27993

Trans. from #Metallovedenie i Termicheskaya Obrabotka Metallov (USSR) 1960, no. 10.

DESCRIPTORS: *Steel, Mechanical properties, Hardness, Fatigue (Mechanics), Sensitivity, Deformation.

Experimental verification of proposed criteria of notch sensitivity showed their practical usefullness under impact, and under static and cyclic loads. Notch sensitivity is found in a complicated relationship from the strength of a material. The opinion, having existed up to the present time, that with an increase of strength the notch sensitivity must in all cases in-
(Metallurgy--Ferrous Metals, TT, v. 6, no. 11) (over)

61-27993

I. Markovets, M. P
II. ARGMA Trans-51-61
III. Army Rocket and Guided Missile Agency, Redstone Arsenal, Ala.

Office of Technical Services

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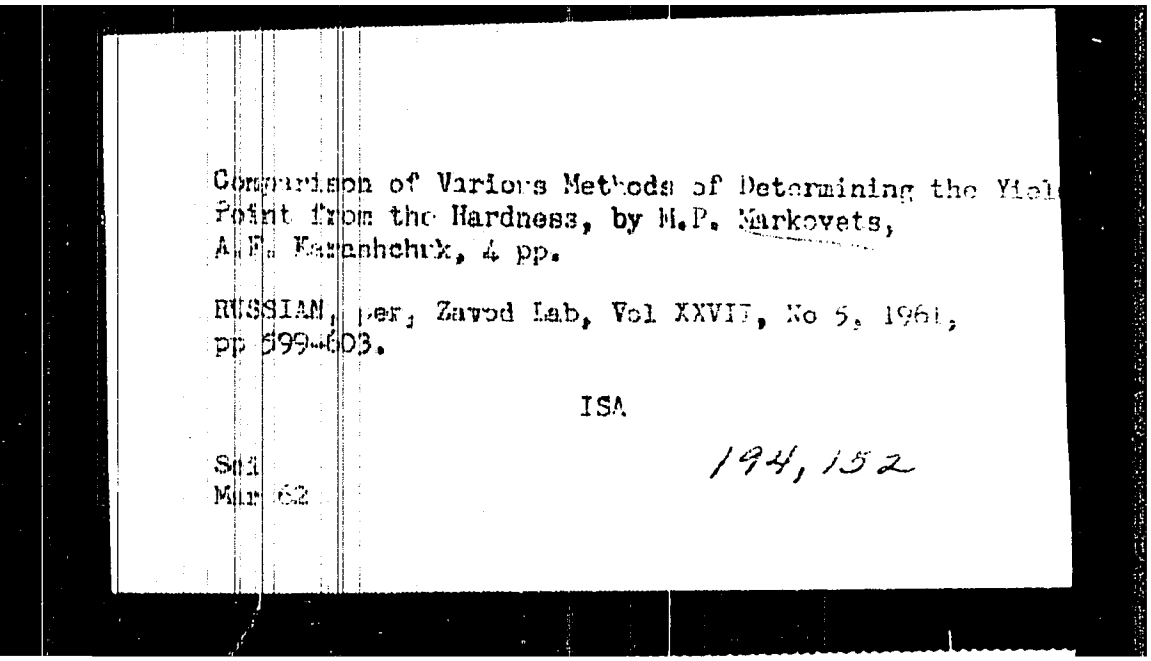


Comparison of Various Methods of Determining the Yiel
Point from the Hardness, by M.P. Markovets,
A.F. Kazanchuk, 4 pp.

RUSSIAN, Per, Zavod Lab, Vol XXVII, No 5, 1961,
pp 599-603.

ISA

194,152

Sti
Mar 62

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

A Method for Determining the Plasticity Characteristics of Structural Steels With Respect to Their Hardness, by M. P. Markovets, 6 pp.

RUSSIAN, per, Zavod Lab, Vol XXVII, No 11, 1961, pp 1395-1400.

ISA

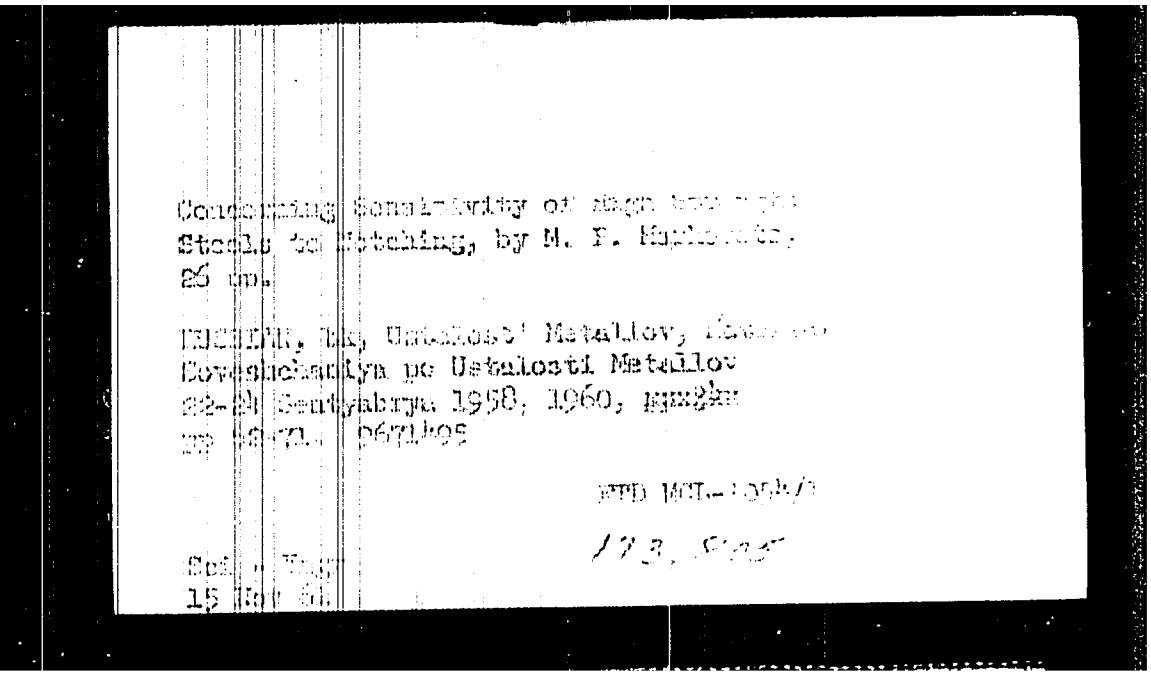
Sci.

Jul 62

205,032

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7



Concerning Sensitivity of Magnesium Alloys
Steels to Notching, by M. F. Kaplan [illegible]
26 pp.

[illegible], Ts., Ustalost' Metallov, [illegible]
Sovshchaniya po Ustalosti Metallov
22-24 Sentyabrya 1958, 1960, [illegible]
pp 54-71. [illegible]

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201210069-7